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Ib|T48

FAO Fisheries Technical Paper No.48
(Distribution restricted)

FIb/T48
CB:Subject Descriptors

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LIST OF CLASSIFICATION TERMS AND SUBJECT DESCRIPTORS

Prepared by

ASIRC, University of Rhode Island

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Rome, 1964

21178

DOCUMENTS OF THE BIOLOGY BRANCH OF FAO FISHERIES DIVISION

Documents which are not official FAO publications are issued in several series. They are given a restricted distribution and this fact should be indicated if they are cited. Most of them are prepared as working papers for meetings, or are summaries of information for use of member governments, organizations, and specialists concerned.

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Des documents qui ne figurent pas parmi les publications officielles de la FAO sont publiés dans diverses séries. Ils font seulement l'objet d'une distribution restreinte, aussi convient-il de le préciser lorsque ces documents sont cités. Il s'agit le plus souvent de documents de travail préparés pour des réunions, ou de résumés d'information à l'intention des gouvernements des pays membres, ainsi que des organisations et spécialistes intéressés. Ces séries sont les suivantes:

DOCUMENTOS DE LA SUBDIRECCION DE BIOLOGIA DE LA DIRECCION DE PESCA DE LA FAO

Esta Subdirección publica varias series de documentos que no pueden considerarse como publicaciones oficiales de la FAO. Todos ellos tienen distribución limitada, circunstancia que debe indicarse en el caso de ser citados. La mayoría de los títulos que figuran en dichas series son documentos de trabajo preparados para reuniones o resúmenes de información destinados a los estados miembros, organizaciones y especialistas interesados.

FAO Fisheries Report	**FIb/R (No.)**
FAO Fisheries Circular	**FIb/C (No.)**
FAO Fisheries Synopsis	**FIb/S (No.)**

Special groups of synopses are identified by symbols followed by classification numbers based on indexed code of "Current Bibliography":

SAST	Data concerning certain species and fish stocks.
MAST	Information on methods and subjects.
OT	Oceanographic data.
IT	Limnological data.
	and
CART	Information concerning fisheries and resources of certain countries and regions (FID/S).

Des catégories spéciales de synopses sont identifiées à l'aide de symboles suivis des chiffres de classification basés sur le code d'indexation de la "Current Bibliography":

SAST	Données sur certaines espèces et populations de poissons.
MAST	Renseignements sur des méthodes et des sujets.
OT	Données océanographiques.
IT	Données limnologiques.
	et
CART	Renseignements sur les pêcheries et les ressources de certains pays et régions (FID/S).

Grupos especiales de sinopsis se distinguen con las siglas siguientes, seguidas por números de clasificación que se basan en las claves de los indices de la "Current Bibliography":

SAST	Datos relativos a ciertas especies y poblaciones.
MAST	Sinopsis sobre métodos y materias.
OT	Sinopsis sobre oceanografía.
IT	Sinopsis sobre limnología.
	y
CART	Información sobre los recursos acuáticos vivos de algunos países y regiones (FID/S).

FAO Fisheries Technical Paper FIb/T (No.)

Special groups of Technical Papers are identified by:

RE	Indexed lists of experts and institutions drawn from Registers maintained by Biology Branch
CB	Lists of Periodicals, special sections of "Current Bibliography for Aquatic Sciences and Fisheries", special bibliographies and papers concerning documentation problems.
MFS	Provisional editions of "FAO Manuals in Fisheries Science".

Some documents also have another identification, if, for example, they have been contributed to a meeting for which papers have been numbered according to another system.

Des catégories spéciales de documents techniques sont identifiées à l'aide des symboles suivants:

RE	Listes indexées d'experts et institutions tirées des registres tenus à jour par la Sous-division de la Biologie.
CB	Listes de périodiques, des sections spéciales de la "Current Bibliography for Aquatic Sciences and Fisheries", des bibliographies particulières et des articles sur les problèmes de documentation.
MFS	Editions provisoires des "Manuels FAO de la science des pêches".

Il arrive que certains documents portent d'autres numéros d'identification, comme c'est le cas s'ils ont été préparés pour une réunion dont les documents ont été marqués à l'aide d'un autre système.

Grupos especiales de documentos técnicos se identifican por las siglas siguientes:

RE	Listas índices de expertos y de instituciones tomadas de los registros que se llevan en la Subdirección de Biología.
CB	Listas de periódicos, secciones especiales de la "Current Bibliography for Aquatic Sciences and Fisheries", bibliografías especiales y trabajos relativos a los problemas de documentación.
MFS	Ediciones provisionales de los "Manuales FAO de la Ciencia de la Pesca".

Algunos documentos tienen también otra identificación si, por ejemplo, son contribuciones a una reunión cuyos documentos han sido marcados con arreglo a otros sistemas.

LIST OF CLASSIFICATION TERMS AND SUBJECT DESCRIPTORS

Prepared by

Aquatic Sciences Information Retrieval Center
University of Rhode Island
Kingston, Rhode Island

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Rome, August 1964

PREPARATION OF THIS PAPER

This list has arisen from a synthesis of several documentation classification systems, technical dictionaries, textbooks, and from the contents of over 20,000 documents in the aquatic sciences literature which have been indexed by ASIRC thus far.

Each subject descriptor is indicated by one or two asterisks. Synonyms, near-synonyms and, occasionally, definitions are given under most descriptors to indicate their usage for indexing and retrieval purposes. References to closely related descriptors are indicated by "see also".

This is the first published list of the classification terms and subject descriptors used by ASIRC in indexing and retrieving aquatic sciences literature. The classification terms are designed to describe in a general sense, the approach of an author toward his problem. For instance it is possible to index and later locate only "popular articles" on a particular topic. The subject descriptors are used to describe the type of document (e.g., technical review) and materials, processes and techniques treated in a document.

This list will undergo continual revision as demanded by the content of aquatic sciences literature. Improvements suggested by interested aquatic scientists and documentalists are also solicited and should be addressed to:

Aquatic Sciences Information Retrieval Center
Computer Laboratory
University of Rhode Island
Kingston, Rhode Island
U.S.A.

Users of the ASIRC literature retrieval services are invited to select terms from this list as ancillary information in formulating search requests. Note that all geographic and taxonomic categories published in Volume 3, Part 1 of the Current Bibliography for Aquatic Sciences and Fisheries may also be used in formulating requests. Any generic names encountered in the "Current Bibliography - Taxonomic Classification - Alphabetic Key to 8 Digit Code, "FAO Fisheries Biology Technical Paper No, 12, may also be used in this manner.

PREPARATION DU PRESENT DOCUMENT

La présente liste constitue une synthèse de plusieurs systèmes de classification de la documentation, dictionnaires techniques et manuels, et tient également compte du contenu des publications relatives aux sciences aquatiques (plus de 20.000 titres) répertoriées jusqu'ici par l'ASIRC (Aquatic Sciences Information Retrieval Center).

Tous les"descripteurs" sont indiqués par un ou deux astérisques, et la plupart sont accompagnés des synonymes, quasi-synonymes et, parfois, des définitions, employés pour l'indexation et le repérage de la documentation. Les renvois à des descripteurs voisins sont signalés par "see also" ("voir également).

On trouvera ici pour la première fois une liste des titres de catégories et des descripteurs employés par l'ASIRC pour répertorier et sélectionner la documentation relative aux sciences aquatiques. Les titres des catégories décrivent d'une manière générale la façon dont l'auteur a traité son sujet, ce qui permet par exemple d'indexer et ultérieurement d'isoler les "articles de vulgarisation" sur une question donnée. Les descripteurs indiquent le type de document (p. ex. étude technique) ainsi que les matériaux, procédés et techniques dont traite un document.

La présente liste sera constamment tenue à jour en fonction du contenu des publications sur les sciences aquatiques. Les chercheurs et documentalistes intéressés sont priés d'adresser leurs suggestions en vue d'améliorations à :

Aquatic Sciences Information Retrieval Center
Computer Laboratory
University of Rhode Island
Kingston, Rhode Island
Etats-Unis d'Amérique

Les utilisateurs du centre de sélection d'information de l'ASIRC peuvent, dans leurs demandes de recherches, faire usage des termes de la présente liste à titre de renseignements subsidiaires. Il convient de noter que toutes les catégories géographiques et taxonomiques figurant dans le volume 3, part 1, de la "Current Bibliography for Aquatic Sciences and Fisheries" peuvent également être utilisées dans la formulation des demandes. Il en va de même de tous les noms génériques employés dans le document technique FAO No. 12 sur la biologie halieutique ("Current Bibliography - Classification taxonomique: Clef alphabétique pour le code à huit chiffres").

PREPARACION DE ESTE DOCUMENTO
ACERCA DE LA PRESENTE LISTA

Esta lista es el resultado de sintetizar varios sistemas de clasificación de documentos, diccionarios técnicos y libros de texto, asi como el contenido de más de 20.000 documentos referentes a las ciencias acuáticas que, hasta ahora, ha extractado en fichas el ASIRC.

Cada término descriptivo de materias va acompañado de uno o dos asteriscos. Con objeto de indicar su empleo correcto en la formación de índices y de facilitar su búsqueda para casi todas las voces descriptivas se dan términos sinónimos descriptivos y afines y, a veces, definiciones. Las remisiones a términos descriptivos muy afines se indican con la expresión "vease también".

Esta es la primera lista que se publica de los términos de clasificación y descriptivos de materias usados por el ASIRC en la preparación de fichas y en la exploración de los temas tratados en las obras pertinentes a las ciencias acuáticas. Con los términos de clasificación se trata de ilustrar, de un modo general,el ángulo desde el cual un autor enfoca su tema. Por ejemplo, es posible formar un fichero de "artículos de divulgación" solamente sobre un tema determinado, y poder localizar éstos después. Los términos descriptivos se usan para denotar la clase de documento (por ejemplo, revista técnica) y los materiales, procedimientos y técnicas de que trata un documento.

Esta lista se revisará continuamente, según lo exijan los temas tratados en las obras sobre las ciencias acuáticas. Se ruega que cualquier mejora que puedan sugerir los científicos y redactores especializados que se interesan por las ciencias acuáticas la dirijan a:

Aquatic Sciences Information Retrieval Center
Computer Laboratory
University of Rhode Island
Kingston, Rhode Island
U.S.A.

Se invita a los usuarios de los servicios de información bibliográfica del ASIRC a que seleccionen términos de esta lista, citándolos como dato auxiliar al formular las peticiones de información. Nótese que todas las categorías geográficas y taxonómicas publicadas en la primera parte del Volumen 3 de la Current Bibliography for Aquatic Sciences and Fisheries se pueden usar también al formular las peticiones. Asimismo se pueden emplear a tal fin todos los nombres genéricos que se encuentren en la "Current Bibliography - Taxonomic Classification - Alphabetic Key to 8 Digit Code",FAO Fisheries Biology Technical Paper No. 12.

Distribution

FAO Fisheries Division
FAO Regional Fisheries Officers
ASIRC
FBCB Mailing List

"Current Bibliography" entry:

Aquatic Sciences Information Retrieval Center (1964)
FAO Fish.tech. Pap., (48):57 p.
List of classification terms and subject descriptors

Lists classification terms and subject descriptors used by ASIRC in indexings and retrieving literature in aquatic sciences. Gives definitions, synonyms and near synonyms of descriptors. Incl. a schedule of special descriptors used.

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CLASSIFICATION TERMS

MARINE

FRESHWATER

POPULAR ARTICLE

ARTICLES OBVIOUSLY WRITTEN FOR POPULAR CONSUMPTION AND NOT CONTAINING MATERIAL NEW TO THE SCIENTIFIC LITERATURE.

METHODOLOGY

CONTRIBUTIONS TO ANY TYPE OF TECHNIQUE, STANDARDIZED METHODS FOR A TECHNIQUE, DESCRIPTIONS OF A TECHNIQUE.

SIMPLE OBSERVATIONS AND DESCRIPTIONS OR CLASSIFICATIONS

NATURAL HISTORY, DESCRIPTIVE WORK INVOLVING ONLY QUALITATIVE OBSERVATIONS.

INSTRUMENTED OBSERVATIONS AND MEASUREMENTS AND DESCRIPTIONS OR CLASSIFICATIONS

USE OF ANY QUANTITATIVE EQUIPMENT TO MEASURE OR DESCRIBE OR CLASSIFY. IMPLIES THAT SOME MEASUREMENT(S) ARE INVOLVED.

INSTRUMENTED OBSERVATIONS AND MEASUREMENTS AND POSTULATED ASSOCIATIONS

IMPLIES ALL OF THE ABOVE (I.O.+M.+D. OR C.) IN ADDITION TO POSTULATED ASSOCIATIONS WHICH MAY BE EITHER EXPRESSED OR IMPLIED.

FISH TECHNOLOGY

DESCRIPTIONS OF THE METHODS AND EQUIPMENT USED IN THE STORAGE, GRADING, PROCESSING, AND SHIPMENT OF ANY AQUATIC PRODUCTS (NOT RESTRICTED TO FISH)

THEORY AND/OR MEASUREMENTS TO TEST THE THEORY

USE OF MODELS TO PORTRAY SYSTEMS, DEVELOPMENT OF THEORETICAL APPROACHES TO PROBLEMS.

LABORATORY STUDIES

RESEARCH WHEREIN THE PHYSICAL OR BIOLOGICAL OBJECTS OF INTEREST ARE SUBJECTED TO CONTROLLED EXPERIMENTATION. WORK WITH ARTIFICIAL IMPOUNDMENTS OR MANIPULATION OF NATURAL ENVIRONMENTS DOES NOT NECESSARILY CONSIST OF LABORATORY STUDIES.

FIELD STUDIES

RESEARCH WHEREIN THE PHYSICAL OR BIOLOGICAL OBJECTS OF INTEREST ARE PRODUCTS OF NATURAL ENVIRONMENTS. (ARTIFICIAL IMPOUNDMENTS ARE CONSIDERED NATURAL ENVIRONMENTS) USE OF -FIELD STUDIES- DOES NOT IMPLY THAT WORK WAS DONE IN THE FIELD, ONLY THAT THE OBJECTS OR PHENOMENA OF INTEREST ARE NATURALLY OCCURRING. (INCLUDES TAXONOMY EVEN OF PRESERVED SPECIMENS, ANATOMY OR HISTOLOGY OF NATURALLY OCCURRING FORMS, MANIPULATION OF NATURAL ENVIRONMENTS OR CULTURE THEREIN)

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00010  RESEARCH TECHNIQUES
00020
00030          * AGING
00040               METHODS FOR AGING ORGANISMS AND PHYSICAL MASSES,
00050               SCALE READING, RADIOCARBON DATING, POLLEN AGING OF MARSHES,
00051               EVALUATION OF AGING TECHNIQUES
00060          * BIOASSAYS
00070               EVALUATION OF THE POTENCY OF MATERIALS ON LIVING MATTER,
00080               NOT ASSAYS OF CONSTITUENT MATERIALS
00090       SEE ALSO CHEMICAL ASSAYS
00100          * CHEMICAL ANALYSES
00110               (NOT WATER ANALYSIS), TECHNIQUES OR REAGENTS FOR
00120               DETERMINATION OF CHEMICALS IN PHYSICAL MASSES, BUT NOT IN
00130               BIOLOGICAL MATERIAL, CHEMICAL COMPOSITION OF PHYSICAL MASSES
00140       SEE ALSO COLORIMETRIC TECHNIQUES
00150       SEE ALSO CONDUCTANCE TECHNIQUES
00160       SEE ALSO GRAVIMETRIC TECHNIQUES
00170       SEE ALSO WATER ANALYSIS - CHEMICAL
00180          * CHEMICAL ASSAYS
00190               QUALITATIVE OR QUANTITATIVE TESTS FOR CHEMICAL
00200               COMPOSITION OF ORGANISMS
00210       SEE ALSO BIOASSAYS
00220       SEE ALSO COLORIMETRIC TECHNIQUES
00230       SEE ALSO CONDUCTANCE TECHNIQUES
00240       SEE ALSO GRAVIMETRIC TECHNIQUES
00250          * CHEMICAL EXTRACTION
00260               SALT EXTRACTION, SOLVENT EXTRACTION, ENZYME EXTRACTION
00270               DIALYSIS, SEPARATION OF COMPOUNDS, MOLECULAR DISTILLATION,
00280               CRYSTALLIZATION
00290       SEE ALSO CONDUCTANCE TECHNIQUES
00300       SEE ALSO DESALINATION
00310       SEE ALSO GRAVIMETRIC TECHNIQUES
00320          * CHROMATOGRAPHIC ANALYSIS
00330               ELECTROCHROMATOGRAPHY, PAPER OR COLUMN CHROMATOGRAPHY,
00340               ELECTROPHORESIS, AGAR ETECTROPHORESIS
00350          * COLORIMETRIC TECHNIQUES
00360               VISUAL OR PHOTOELECTRIC COLOR COMPARISONS, MEASUREMENT OF
00370               QUANTITY OR QUALITY OF LIGHT TRANSMITTED THROUGH SOLUTIONS OR
00380               SOLIDS, PHOTOCHEMISTRY, CHEMICAL INDICATORS, SPECTROGRAPHIC
00381               ANALYSIS
00390       SEE ALSO POLARIZATION
00400       SEE ALSO REFRACTION
00410       SEE ALSO WATER ANALYSIS - CHEMICAL
00420       SEE ALSO WATER ANALYSIS - PHYSICAL
00430          * CONDUCTANCE TECHNIQUES
00440               (NOT CHROMATOGRAPHIC ANALYSIS) MEASUREMENT OF THE ELECTRICAL
00450               CONDUCTIVITY OF SOLUTIONS, ELECTROANALYSIS, POLAROGRAPHY,
00460               AMPEROMETRIC TITRATION, POTENTIOMETRIC TITRATION, ELECTRO-
00470               PLATING, ELECTROLYSIS, MERCURY-DROP ELECTRODE
00480       SEE ALSO CHEMICAL EXTRACTION
00490       SEE ALSO CHROMATOGRAPHIC ANALYSIS
00500       SEE ALSO WATER ANALYSIS - CHEMICAL
00510       SEE ALSO WATER ANALYSIS - PHYSICAL
00520          * CONTROL - BIOLOGICAL
00530               INHIBITION OF POPULATIONS BY INTRODUCTION, EXCLUSION OR
00540               REMOVAL OF ORGANISMS, ISOLATION PROCEDURES, VACCINATION,
00550               IMMUNIZATION
00560          * CONTROL - CHEMICAL
00570               INHIBITION OF POPULATIONS BY CHEMICAL MEANS, CHEMICAL CONTROL
00580               OF HATCHERY DISEASES
00590       SEE ALSO ANTIBIOTICS
00600          * CONTROL - PHYSICAL
00610               INHIBITION OF POPULATIONS BY PHYSICAL MEANS, RADIATION
00620          * CULTURE - BENCH TOP
00630               PILOT SCALE CULTURE, LABORATORY CULTURE
00640          * CULTURE - PRODUCTIVE SCALE
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00650 HATCHERY CULTURE, SHELLFISH CULTURE, POND CULTURE
00660 * CULTURE - TISSUE CULTURE
00670 IN VITRO CULTURES ONLY
00680 * DESALINATION
00690 PREPARATION OF POTABLE WATER FROM SALT WATER
00700 SEE ALSO CHEMICAL EXTRACTION
00710 * DRILLING
00720 DRILLING FOR OIL, WATER, ETC., DRILLING IN SEDIMENTS, CORAL,
00730 ETC. (NOT CORING) MOHO OPERATIONS
00740 SEE ALSO CORING
00750 * ECHO SOUNDING
00760 FOR ANY PURPOSE, ECHO RANGING
00770 * ECHO SOUNDING FOR DETECTION OF ORGANISMS
00780 ANY FISH FINDING METHODS OR GEAR
00790 * ELECTRON MICROSCOPY
00800 USE OR DESCRIPTION OF ELECTRON MICROSCOPES
00810 SEE ALSO LIGHT MICROSCOPY
00820 SEE ALSO LABORATORY APPARATUS
00830 ** FEED PREPARATION
00840 TECHNIQUES FOR PREPARING ANIMAL FEEDS ONLY
00850 SEE ALSO ARTIFICIAL FEEDS AND FEEDING
00860 * GRAFTING
00870 TRANSPLANTATION, IMPLANTATION OR REMOVAL OF TISSUES OR ORGANS
00880 * GRAVIMETRIC TECHNIQUES
00890 ANALYTICAL CHEMICAL ANALYSIS, MEASUREMENT OF WEIGHT OR
00900 DENSITY OF CHEMICAL CONSTITUENTS, WET CHEMICAL METHODS,
00901 TONOMETRIC METHODS
00910 SEE ALSO WATER ANALYSIS - CHEMICAL
00920 SEE ALSO WATER ANALYSIS - PHYSICAL
00930 * LIGHT MICROSCOPY
00940 DETAILED DESCRIPTION OR INSTRUCTIONS ON USE OF LIGHT
00950 MICROSCOPES
00960 SEE ALSO ELECTRON MICROSCOPY
00970 SEE ALSO LABORATORY APPARATUS
00980 * MARKING
00990 REMOVAL OF PARTS OR MUTILATION OF AN ORGANISM FOR
01000 RECOGNITION, BUT NOT AS AN INDIVIDUAL (INCLUDES DYES AND
01010 TATTOOS)
01020 SEE ALSO STAINING
01030 SEE ALSO TAGGING
01040 ** PHOTOGRAPHY
01050 (NOT UNDERWATER PHOTOGRAPHY), AERIAL PHOTOGRAPHY,
01060 SEE ALSO UNDERWATER PHOTOGRAPHY
01070 * PHYSICAL ANALYSES
01080 (NOT WATER ANALYSIS), OPTICAL PROPERTIES, CLEAVAGE PLANES,
01090 DENSITY, HARDNESS, SPECIFIC GRAVITY, VISCOSITY
01100 SEE ALSO DENSITY
01110 SEE ALSO SEDIMENT - STRUCTURE
01120 SEE ALSO WATER ANALYSIS - PHYSICAL
01130 * PHYSICAL ASSAYS
01140 DETERMINATIONS OF BODY TEMPERATURE, OSMOTIC VALUES OF BODY
01150 TISSUES OR LIQUIDS, FREEZING POINT DEPRESSION,
01160 THERMOSTABILITY OF TISSUE
01170 ** POWER PLANTS
01180 METHODS FOR GENERATING ELECTRICITY, RESULTS OF PLANT
01190 OPERATIONS
01200 * PREDICTIONS OTHER THAN ABUNDANCE AND YIELD
01210 WATER LEVEL PREDICTIONS
01220 SEE ALSO PREDICTIONS OF ABUNDANCE AND YIELD
01230 SEE ALSO WEATHER FORECASTING
01240 * PRESERVATION AND FIXATION OF ORGANISMS - GENERAL
01250 METHODOLOGY, TYPES OF PRESERVATIVES
01260 INCLUDES STORAGE AND STORAGE EFFECTS
01270 * PRESERVATION AND FIXATION OF ORGANISMS - DRYING
01280 INCLUDES STORAGE AND STORAGE EFFECTS

01290 * PRESERVATION AND FIXATION OF ORGANISMS - COLD
01300 CHILLING, FREEZING, INCLUDES STORAGE AND STORAGE EFFECTS
01310 * PRESERVATION AND FIXATION OF ORGANISMS - HEAT
01320 INCLUDES STORAGE AND STORAGE EFFECTS
01330 * PRESERVATION AND FIXATION OF ORGANISMS - SMOKING
01340 INCLUDES STORAGE AND STORAGE EFFECTS
01350 * PRESERVATION AND FIXATION OF ORGANISMS - CHEMICAL METHODS
01360 SALTING, FORMALIN, ALCOHOL, BORAX
01370 INCLUDES STORAGE AND STORAGE EFFECTS
01380 * SEDIMENT SAMPLING
01390 (NOT CORERS), GRABS, SCOOPS, SAMPLING EQUIPMENT OR TECHNIQUES
01400 EXCLUSIVE OF CORING
01410 SEE ALSO CORING
01420 * STANDARDIZATION OF TECHNIQUES
01430 STANDARD METHODS OR GEAR FOR ANY TECHNIQUE, DEFINITE
01440 ADVOCATION OF A TECHNIQUE
01450 SEE ALSO GEAR AND EQUIPMENT
01460 * STAINING
01470 TISSUES AND ORGANISMS, STAINS, DYES, MOUNTING METHODS AND
01471 MEDIA
01480 SEE ALSO MARKING
01490 * SURVEYS
01500 COMPREHENSIVE SURVEYS OF REGIONS OR THEIR FLORA OR FAUNA (NOT
01510 FOR SPECIFIC ORGANISMS)
01520 SEE ALSO SAMPLING FOR CENSUSES AND SURVEYS
01530 SEE ALSO EXPLORATORY FISHING
01540 * TAGGING
01550 PROCEDURES, TAG RETURNS, ATTACHMENT OF OBJECTS TO
01560 ORGANISMS FOR IDENTIFICATION OF INDIVIDUALS
01570 SEE ALSO MARKING
01580 * TELEVISION
01590 UNDERWATER TELEVISION, CLOSED CIRCUIT TELEVISION
01600 * UNDERWATER PHOTOGRAPHY
01610 SEE ALSO PHOTOGRAPHY
01620 SEE ALSO TELEVISION
01630 * WATER ANALYSIS - BIOLOGICAL
01640 ANALYSIS FOR MICROORGANISMS ONLY (BACTERIA + ALGAE),
01650 GENERALLY IN CONNECTION WITH POTABLE, INDUSTRIAL, OR WASTE
01660 WATER,
01670 * WATER ANALYSIS - CHEMICAL
01680 ANALYSIS FOR CHEMICAL CONSTITUENTS
01690 SALINITY AND CHLORINITY, WATER HARDNESS, CHLOROSITY, ODOR,
01700 SEE ALSO COLORIMETRIC TECHNIQUES
01710 SEE ALSO CONDUCTANCE TECHNIQUES
01720 SEE ALSO GRAVIMETRIC TECHNIQUES
01730 SEE ALSO SALINITY AND CHLORINITY
01740 SEE ALSO WATER HARDNESS
01750 * WATER ANALYSIS - PHYSICAL
01760 SPECIFIC GRAVITY, VISCOSITY, OPTICAL PROPERTIES
01770 SEE ALSO COLORIMETRIC TECHNIQUES
01780 SEE ALSO CONDUCTANCE TECHNIQUES
01790 SEE ALSO DENSITY
01800 SEE ALSO GRAVIMETRIC TECHNIQUES
01810 SEE ALSO WATER PRESSURE
01820 SEE ALSO WATER TRANSPARENCY AND COLOR
01830 * WATER FILTRATION
01840 DISTILLATION, REMOVAL OF IONS AND ORGANIC MATTER FROM WATER,
01850 WATER PURIFICATION, PERCOLATION, FLOCCULATION, PREPARING
01851 POTABLE WATER, SELF-PURIFICATION OF WATERS
01852 SEE ALSO DESALINATION
01860 SEE ALSO FILTERS
01870 SEE ALSO GROUND WATER
01871 SEE ALSO POTABLE WATER SUPPLIES
01880 ** WATER SAMPLING
01890 NEW GEAR AND EQUIPMENT FOR TAKING WATER SAMPLES, SAMPLING

01900 TECHNIQUES OR METHODOLOGY
01910 SEE ALSO WATER ANALYSIS - BIOLOGICAL
01920 SEE ALSO WATER ANALYSIS - CHEMICAL
01930 SEE ALSO WATER ANALYSIS - PHYSICAL
01940 ** X RADIATION
01950 RADIOGRAPHY, RADIOAUTOGRAPHY, INFLUENCES OF X RADIATION
01960
01970 BIOLOGICAL OCEANOGRAPHY, LIMNOLOGY AND FISHERIES
01980
01990 * BLOOD CLASSIFICATIONS
02000 BLOOD TYPES
02010 SEE ALSO ANTIBODIES
02020 * CONSERVATION OF ORGANISMS
02030 SEE ALSO LEGISLATION - PROTECTION AGAINST POOR EXPLOITATION AND
02040 MANAGEMENT
02050 * CONSERVATION OF SOIL
02051 EROSION CONTROL, CONTROL OF BEACH EROSION
02060 * CONSERVATION OF WATER
02070 PREVENTION OF EVAPORATION, MONOMOLECULAR FILMS TO RETARD
02080 EVAPORATION
02090 SEE ALSO HABITAT IMPROVEMENT - GENERAL
02100 * DRAINAGE AND RECLAMATION
02110 DRAINING LAKES OR PONDS, RECLAIMING AQUATIC ENVIRONMENTS FOR
02120 ANY PURPOSE (NOT DESCRIPTIONS OF WATERSHEDS) , SALVAGE
02130 OPERATIONS.
02140 SEE ALSO HABITAT IMPROVEMENT - GENERAL
02150 SEE ALSO IRRIGATION
02160 SEE ALSO WATERSHEDS
02170 * ECONOMIC ASPECTS OF RESOURCE MANAGEMENT
02180 FISHERIES ECONOMICS, ECONOMICS OF OTHER ORGANISMS, PRICES AND
02190 PRICING
02200 * EXPLOITATION - INFLUENCES ON POPULATIONS
02210 INFLUENCES OF EXPLOITING ANY AQUATIC RESOURCE, OVERFISHING
02220 SEE ALSO POPULATION ESTIMATES - RATE OF EXPLOITATION ESTIMATES
02230 * EXPLORATORY FISHING
02240 PRELIMINARY AND CURSORY SURVEYS OF ANY AQUATIC RESOURCE (NOT
02250 AS EXTENSIVE AS SURVEYS)
02260 SEE ALSO SAMPLING FOR CENSUSES AND SURVEYS
02270 SEE ALSO SURVEYS
02273 * FISHING ACCESS DEVICES OR IMPROVEMENTS
02274 ANY DEVELOPMENT ENHANCING ACCESS TO NATURAL WATERS (E.G. FOR
02275 SPORT FISHING PURPOSES)
02280 * FISHING EFFORT
02290 ANY CRITERIA FOR EXPENDITURE OF EFFORT IN HARVESTING AQUATIC
02300 RESOURCES, UNCORRECTED FISHING EFFORT, EFFECTIVE OVERALL
02310 FISHING INTENSITY (NOT NECESSARILY AS PRECISE MEASURES AS
02320 FOR RATE OF EXPLOITATION ESTIMATES), CREEL CENSUS
02330 SEE ALSO POP. ESTIMATES - RATE OF EXPLOITATION ESTIMATES
02340 ** FISHING INDUSTRY
02350 COMMERCIAL FISHING AND/OR PROCESSING OF ANY AQUATIC ORGANISM,
02360 DESCRIPTION OF THE INDUSTRY
02370 SEE ALSO SPORT FISHING
02380 * FLOOD CONTROL
02390 SEE ALSO HABITAT IMPROV. - REDUCING UNFAVORABLE ELEMENTS
02400 * GEAR SELECTIVITY
02410 GEAR EFFICIENCY
02420 SEE ALSO BIAS
02430 SEE ALSO GEAR FOR CAPTURE OF ORGANISMS - GEAR RESEARCH
02440 * HABITAT IMPROVEMENT - GENERAL
02450 MAN MADE CHANGES
02460 SEE ALSO DRAINAGE AND RECLAMATION
02470 * HABITAT IMPROVEMENT - IMPROVEMENT OF COVER
02480 VEGETATIVE COVER, SHADE
02500 SEE ALSO CONSERVATION OF SOIL
02510 * HABITAT IMPROVEMENT - BASIN, WATER DEPTH, VOLUME, FLOW AND

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02520          *      PHYSICAL CHARACTERISTICS OF THE WATER
02530               RUBBLE REMOVAL, RIFFLE AND BARRIER CONSTRUCTION
02540      SEE ALSO DRAINAGE AND RECLAMATION
02550          * HABITAT IMPROVEMENT - CHEMICAL PROPERTIES OF THE WATER
02560               PH ADJUSTMENT, BUFFERING, ALKALINITY ADJUSTMENT
02570      SEE ALSO CONSERVATION OF WATER
02580      SEE ALSO DRAINAGE AND RECLAMATION
02590          * HABITAT IMPROVEMENT - INCREASING FOOD ORGANISMS
02600         MAN MADE CHANGES, FORAGE INTRODUCTIONS
02610      SEE ALSO TRANSPLANTATION OF ORGANISMS
02620          * HABITAT IMPROVEMENT - INCREASING FAVORABLE ELEMENTS OTHER THAN
02621          *      FOOD
02630               FERTILIZATION
02640      SEE ALSO DRAINAGE AND RECLAMATION
02650          * HABITAT IMPROVEMENT - REDUCING UNFAVORABLE ELEMENTS
02660               MAN MADE CHANGES
02670      SEE ALSO CONTROL - BIOLOGICAL
02680      SEE ALSO CONTROL - CHEMICAL
02690      SEE ALSO HERBICIDES
02700      SEE ALSO POLLUTION CONTROL
02710          * HABITAT IMPROVEMENT - PREVENTING OR FACILITATING MOVEMENT OF
02711          *      ORGANISMS
02730               LADDERS, ELECTRIC FENCES, AIR SCREENS, FISHWAYS, DAMS
02740      SEE ALSO DAMS AND RESERVOIRS
02750          * IRRIGATION
02760      SEE ALSO CANALS
02770      SEE ALSO DRAINAGE AND RECLAMATION
02780      SEE ALSO CONSERVATION OF WATER
02790          * LIFE HISTORIES
02800               LIFE CYCLES OR PARTS THEREOF (ONLY IN NATURAL ENVIRONMENTS),
02801               GENERAL STUDIES OF AN ORGANISM, NATURAL HISTORY,
02810               QUALITATIVE STUDIES OF THE BIOLOGY OF AN ORGANISM (NOT USED
02820               FOR CRITICAL STUDIES OF POPULATION DYNAMICS, OR AGE AND
02821               GROWTH)
02830      SEE ALSO ECOLOGY
02840          * POLLUTION CONTROL
02850               SEWAGE TREATMENT, ACTIVATED SLUDGE TREATMENT
02860      SEE ALSO HYGIENE
02870          * POPULATION DYNAMICS
02880               (USED ONLY IN A GENERAL SENSE WHEN THE SPECIFIC TOPICS ARE
02890               UNKNOWN OR TREATED QUALITATIVELY) POPULATION FLUCTUATIONS
02900          * POP. ESTIMATES - SEX RATIOS
02910          * POP. ESTIMATES - SIZE DISTRIBUTION ESTIMATES
02920               LENGTH FREQUENCIES, WEIGHT FREQUENCIES, YEAR
02930               CLASS FLUCTUATIONS, CATCH CURVES
02940      SEE ALSO GROWTH - BIOLOGICAL DESCRIPTION
02950      SEE ALSO GROWTH - MATHEMATICAL DESCRIPTION
02960          * POP. ESTIMATES - RATE OF PRODUCTION ESTIMATES
02970               PRODUCTIVITY RATES, RATES OF POP. INCREASE, FOR PLANKTONIC
02980               OR BENTHONIC POPULATIONS ONLY
02990      SEE ALSO POPULATION ESTIMATES - RATE OF REPRODUCTION ESTIMATES
03000          * POP. ESTIMATES - STANDING CROP ESTIMATES
03010               BIOMASS, ABUNDANCE, POP. SIZE, STOCK NUMBER
03020          * POP. ESTIMATES - RATE OF EXPLOITATION ESTIMATES
03030               INSTANTANEOUS OR AVERAGE RATES, FISHING MORTALITY
03040               COEFFICIENTS, EXPLOITATION RATES, UNCONDITIONAL FISHING
03050               MORTALITY RATES, EXPECTATION OF DEATH BY CAPTURE
03060      SEE ALSO CATCH STATISTICS - FISHERIES
03070      SEE ALSO EXPLOITATION - INFLUENCES ON POPULATIONS
03080      SEE ALSO FISHING EFFORT
03090          * POP. ESTIMATES - MORTALITY RATE ESTIMATES
03100               (NOT FISHING MORTALITY) TOTAL MORTALITY, NATURAL MORTALITY
03110               COEFFICIENTS, FRACTION SURVIVING, MEAN SURVIVAL RATE
03120          * POP. ESTIMATES - RATE OF EMMIGRATION OR IMMIGRATION
03130               MIXING RATES
03140      SEE ALSO DISPERSAL PHENOMENA
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03150          * POP. ESTIMATES - AVAILABILITY ESTIMATES
03160              CATCH PER UNIT EFFORT, VULNERABILITY,
03170              CATCHABILITY COEFFICIENT
03180          * POP. ESTIMATES - RATE OF RECRUITMENT ESTIMATES
03190              AGE AT RECRUITMENT, AGE AT FIRST CAPTURE, LEN.
03200              OR WT. AT FIRST CAPTURE, NUMBER OF RECRUITS, ANNUAL
03210              RECRUITMENT
03220          * POP. ESTIMATES - RATE OF REPRODUCTION ESTIMATES
03230              BIOTIC POTENTIAL OR REPRODUCTIVE RATES OF POPULATIONS OF
03240              NEKTON POPULATIONS ONLY
03250      SEE ALSO POPULATION ESTIMATES - RATE OF PRODUCTION ESTIMATES
03260      SEE ALSO FECUNDITY
03270          * PREDICTIONS OF ABUNDANCE AND YIELD
03280          * RACIAL STUDIES
03290              IDENTIFICATION OF STOCKS, SUBPOPULATION STUDIES,
03300              MICROTAXONOMY OF VERTEBRATES ONLY
03310      SEE ALSO STRAINS
03320      SEE ALSO TAXONOMY
03330          * SPORT FISHING
03340              FOR ANY AQUATIC ORGANISM
03350      SEE ALSO FISHING INDUSTRY
03360          * STOCKING OF ORGANISMS
03370              INTRODUCING ORGANISMS CULTURED BY MAN
03380      SEE ALSO TRANSPLANTATION OF ORGANISMS
03390         ** SURVEYS
03400              COMPREHENSIVE SURVEYS OF REGIONS OR THEIR FLORA OR FAUNA (NOT
03410              SURVEYS FOR SPECIFIC ORGANISMS)
03420      SEE ALSO CRUISES AND EXPEDITIONS
03430      SEE ALSO EXPLORATORY FISHING
03440      SEE ALSO SAMPLING FOR CENSUSES AND SURVEYS
03450          * TRANSPLANTATION OF ORGANISMS
03460              INTRODUCING ORGANISMS TO A DIFFERENT NATURAL ENVIRONMENT
03470      SEE ALSO STOCKING OF ORGANISMS
03480      SEE ALSO HABITAT IMPROV. - INCREASING FOOD ORGANISMS
03490          * WASTE DISPOSAL - RADIOACTIVE
03500      SEE ALSO POLLUTION - RADIOACTIVE
03510
03520  BIOLOGICAL PROCESSES
03530
03540          * ACCLIMATION
03550              ACCLIMITIZATION, ADJUSTMENT TO ANY ENVIRONMENTAL VARIABLE,
03560              ADAPTIVE BEHAVIOR
03570          * ACCUMULATION OF IONS
03580              UPTAKE OF RADIOISOTOPES, NUTRIENTS, ETC., ION TRANSPORT
03590      SEE ALSO INTERFACE PHENOMENA - BIOL. MATERIAL, PHYSICAL ENVIRONMENT
03600      SEE ALSO NUTRITION - MINERAL
03610          * AGING PROCESS
03620              LIFESPANS, SENESCENCE, SENILITY
03630          * BIOGENESIS
03640              ORIGIN OF LIFE
03650          * BIOLUMINESCENCE
03660              PHOTOPHORES, PHOTOGENIC ORGANS, LUMINOUS ORGANS, BIOLOGICAL
03661              FLUORESCENCE AND PHOSPHORESCENCE
03670          * BIOSYNTHESIS
03680              SYNTHESIS OF ANYTHING BY ORGANISMS, PEARL FORMATION, SLIME
03681              PRODUCTION (IN VIVO SYNTHESIS ONLY)
03700      SEE ALSO CHEMOSYNTHESIS
03710          * BLOOD CIRCULATION
03720              ELECTROCARDIOGRAMS
03730      SEE ALSO BLOOD VESSELS
03740      SEE ALSO HEART
03750          * CHEMORECEPTION
03760              ANY SENSORY PERCEPTION OF IONS OR CHEMICAL COMPOUNDS
03770      SEE ALSO BEHAVIOR - OLFACTORY STIMULI
03780          * CHEMOSYNTHESIS
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PRIMARY PRODUCTION OF ORGANIC MATTER USING CHEMICAL TRANSFORMATIONS FOR ENERGY, SPECIFIC PHYSIOLOGICAL MECHANISMS
SEE ALSO BIOSYNTHESIS
SEE ALSO PHOTOSYNTHESIS
* COMPETITION
PREDATION AND OTHER ADVERSE INFLUENCES OF ONE POPULATION ON ANOTHER (E.G. COMPETITION FOR FOOD, NUTRIENTS OR SPACE) AMENSALISM
SEE ALSO POPULATION DENSITY INFLUENCES
* CYCLIC ACTIVITY
SEASONAL SUCCESSION,VERTICAL MIGRATION, PHYSIOLOGICAL RHYTHMS, ANY VARIABLE BUT REPETITIVE PHENOMENON
SEE ALSO DIURNAL RHYTHM
* DISTRIBUTION - HORIZONTAL
TIDAL ZONATION, LITTORAL ZONATION, RANGE
SEE ALSO BIPOLARITY
* DISTRIBUTION - VERTICAL
VERTICAL GRADIENTS OF TEMPERATURE, ETC., VERTICAL DISTRIBUTION OF ORGANISMS
* DIURNAL RHYTHM
CIRCADIAN RHYTHM
SEE ALSO CYCLIC ACTIVITY
* ELECTRICITY - BIOLOGICAL
ANY ELECTRICAL ACTIVITY OF BIOLOGICAL ORIGIN
SEE ALSO STINGING ORGANS
* ENERGY FLOW
SPECIFIC STUDIES ON THE FLOW OF ENERGY (MEASURED IN ANY WAY) THROUGH AN ECOSYSTEM, TROPHIC LEVEL, OR SINGLE ORGANISM
SEE ALSO INFORMATION THEORY
SEE ALSO METABOLIC RATE
* FERTILIZATION
UNION OF GAMETES, DETAILED STUDY OF FERTILIZATION PROCESS (USED ONLY IN THE SENSE OF REPRODUCTIVE FERTILIZATION) , ARTIFICIAL FERTILIZATION, PROLONGATION OF FERTILITY
SEE ALSO PARTHENOGENESIS
SEE ALSO REPRODUCTION - SEXUAL
SEE ALSO SEX DETERMINATION
* FOULING
SHIP FOULING, FOULING ORGANISMS
* GROWTH - RELATIVE GROWTH
ALLOMETRY, ASSOCIATED MEASUREMENTS, RATIOS OF BODY PROPORTIONS, MORPHOLOGY, MORPHOMETRY
SEE ALSO CONDITION FACTOR
SEE ALSO POLYMORPHISM
* GROWTH - BIOLOGICAL DESCRIPTION
(GROWTH OF INDIVIDUALS ONLY) DETAILED EMBRYONIC GROWTH, INSTARS, (GROWTH EQUATIONS NOT GIVEN)
* GROWTH - MATHEMATICAL DESCRIPTION
GROWTH CURVES (ONLY OF INDIVIDUALS) (GROWTH EQUATIONS MUST BE GIVEN)
SEE ALSO CURVE FITTING
SEE ALSO POP. ESTS. - RATE OF PRODUCTION ESTIMATES
* HIBERNATION
* HYBRIDS
OCCURRING IN NATURE OR CULTURED FORMS, HYBRIDIZATION
* HYPERACTIVITY
PHYSICAL ACTIVITY, EXERTION, FATIGUE
* INTERFACE PHENOMENA - BIOLOGICAL MATERIAL, PHYSICAL ENVIRONMENT
MICROHABITAT, REACTIONS AT SURFACES OF ORGANISMS OR CELLS
SEE ALSO ACCUMULATION OF IONS
SEE ALSO OSMOREGULATORY ACTIVITY
* LESIONS
NET SCARS, LAMPREY SCARS, BRAIN LESIONS, GALLS
* LOCOMOTION
METHODS OF, APPENDAGES FOR, THEORY OF, ACTIVITY, SPEED OF

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04410              MOVEMENT
04420          * MATURATION
04430              TIME OF SEXUAL MATURITY, DESCRIPTION OF,
04440              GAMETOGENESIS
04450          * METABOLIC RATE
04460              METABOLISM OF INDIVIDUAL ORGANISMS ONLY, OXYGEN UPTAKE RATES,
04470              NITROGEN METABOLISM, THERMO-REGULATION, PHYSIOLOGY OF
04480              METABOLISM
04490      SEE ALSO ENERGY FLOW
04500      SEE ALSO PHYSIOLOGY
04510          * METAMORPHOSIS
04520              CHANGE FROM PARR TO SMOLT STAGE IN FISHES, TADPOLE TO FROG,
04530              ANY MARKED CHANGE IN STAGES OF LIFE CYCLE, SETTLING TO
04540              BENTHIC STAGES, DIAPAUSE, EXUVIATION
04550      SEE ALSO HIBERNATION
04560          * MITOSIS
04570              MEIOSIS
04580          * MORTALITY - CAUSES
04590              ANY KNOWN OR HYPOTHESIZED CAUSES FOR MORTALITY
04600      SEE ALSO TOXICANTS
04610      SEE ALSO DISEASES
04620          * MUTATIONS
04630              SPORTS, GENETIC ABNORMALITIES, TERATOLOGIES, COLOR VARIANTS
04640          * NUTRITION - GENERAL
04650              ONLY CRITICAL DISCUSSIONS OF NUTRITION AS A PROCESS, FOOD
04651              CONVERSION EFFICIENCIES
04660      SEE ALSO FOOD CHAINS - NATURAL
04670          * NUTRITION - FAT, CARBOHYDRATE AND PROTEIN
04680              METABOLISM OF ANY OF THESE MATERIALS (ONLY CRITICAL STUDIES
04690              OF NUTRITION AS A PROCESS), CONVERSION EFFICIENCIES
04700      SEE ALSO FOOD CHAINS - NATURAL
04710          * NUTRITION - MINERAL
04720              ONLY CRITICAL DISCUSSIONS OF MINERAL NUTRITION AS A PROCESS
04730      SEE ALSO ACCUMULATION OF IONS
04740      SEE ALSO FOOD CHAINS - NATURAL
04750          * OSMOREGULATORY ACTIVITY
04760      SEE ALSO ACCUMULATION OF IONS
04770      SEE ALSO INTERFACE PHENOMENA - BIOL. MATERIAL, PHYSICAL ENVIRONMENT
04780      SEE ALSO SECRETION
04790          * OXYGEN SYSTEMS - BIOLOGICAL
04800              INFLUENCES OR REACTIONS OF OXYGEN IN ORGANISMS
04810      SEE ALSO RESPIRATION - AEROBIC
04820          * PARTHENOGENESIS
04830      SEE ALSO FERTILIZATION
04840      SEE ALSO REPRODUCTION - SEXUAL
04850      SEE ALSO REPRODUCTION - ASEXUAL
04860          * PHOTOSYNTHESIS
04870              DESCRIPTION OF THE PHYSIOLOGICAL PROCESS ONLY
04880      SEE ALSO CHEMOSYNTHESIS
04890          * REGENERATION
04900              OF TISSUES, ORGANS AND APPENDAGES
04910          * REPRODUCTION - ASEXUAL
04920              FISSION, BUDDING, RESTING SPORES, CONIDIA, ENDOSPORES,
04921              ASCOSPORES, BLASTOSPORES, ZYGOSPORES, ARTHROSPORES, ZOOSPORES
04922              APLANOSPORES
04930          * REPRODUCTION - SEXUAL
04940              SPAWNING, ARTIFICIAL OR NATURAL REPRODUCTION, BREEDING
04950              SEASON, DURATION OF REPRODUCTIVE SEASON, REPRODUCTIVE
04951              PHYSIOLOGY, OOSPORES, BASIDIOSPORES
04960      SEE ALSO FERTILIZATION
04970      SEE ALSO BEHAVIOR - REPRODUCTIVE AND PARENTAL
04980          * RESPIRATION - AEROBIC
04990          * RESPIRATION - ANAEROBIC
05000              FERMENTATION
05010          * SECRETION
05020              EXCRETION, SECRETORY AND EXCRETORY PRODUCTS OF GLANDS AND
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05030              OTHER STRUCTURES, SECRETION OF IONS, SLIME SECRETION
05040         ** SEX DETERMINATION
05050              MECHANISMS FOR DETERMINATION, METHODS OF ALTERING SEX, SEX
05060              REVERSALS
05070       SEE ALSO GENETICS
05080       SEE ALSO HERMOPHRODITES
05090           * SOUND PRODUCTION-BIOLOGICAL
05100              VOCALIZATIONS OR OTHER SOURCES OF SOUND PRODUCED BY ANIMALS
05110           * SPECIATION
05120              PHYLOGENETIC PROCESSES LEADING TO NEW SPECIES,
05130              PHYSIOLOGICAL SPECIES
05140       SEE ALSO TAXONOMY
05150           * STARVATION
05160              FOOD DEFICIENCY, NUTRIENT DEFICIENCY
05170           * SUFFOCATION
05180              ANOXIA, ASPHYXIA, HYPOXIA, ANOXEMIA
05190
05200  TYPES OF ORGANISMS
05210
05220           * BACTERIOPHAGES
05230           * BAIT
05240              FISHING BAIT, CHUM, POISON BAITS, ARTIFICIAL BAITS, LURES
05250           * BENTHOS
05260              BOTTOM ORGANISMS, BENTHIC ORGANISMS, (NOT
05270              INTERTIDAL ORGANISMS)
05280           * BORING ORGANISMS
05290              ANY ORGANISMS BORING IN ANY SUBSTANCE
05300       SEE ALSO FOULING
05310           * EMBRYOS
05320       SEE ALSO LARVAE
05330           * EPIPHYTES
05340              PLANTS OR ANIMALS LIVING IN ASSOCIATION WITH PLANTS OR ANY
05350              OTHER SUBSTRATE, AUFWUCHS
05360       SEE ALSO EMBRYOS
05370       SEE ALSO SYMBIONTS
05380       SEE ALSO PARASITES
05390           * FOSSILS - ANIMALS
05400           * FOSSILS - PLANTS
05410              SPORES, POLLEN
05420          ** FOULING
05430              FOULING ORGANISMS, SHIP FOULING (NOT BORING OR BORING
05440              ORGANISMS)
05450       SEE ALSO BORING ORGANISMS
05460          ** HERMAPHRODITES
05470       SEE ALSO SEX DETERMINATION
05480          ** HYBRIDS
05490              OCCURRENCE IN NATURE OR CULTURED FORMS
05500           * INDICATOR ORGANISMS
05510              AS USED TO INDICATE CURRENT PATTERNS, WATER MASSES, OR PAST
05520              CLIMATIC CHANGES
05530           * LARVAE
05540              FRY, IMMATURE STAGES, NAUPLII, ELVERS
05550           * NEW SPECIES
05560              NEWLY DESCRIBED OR CHANGE IN NAME, TAXONOMIC REVISIONS OF
05570              SPECIES OR GENERA, (HIGHER TAXONOMIC REVISIONS COVERED BY
05580              TAXONOMY)
05590       SEE ALSO KEYS
05600       SEE ALSO TAXONOMY
05610           * NOXIOUS ORGANISMS
05620              ONLY THOSE WHICH MAY INFLICT BODY INJURY TO HUMANS, POISONOUS
05630              FORMS, SWIMMERS ITCH, SHARK ATTACKS, PARASITIC INFESTATIONS
05640       SEE ALSO POISONS OF BIOLOGICAL ORIGIN
05650       SEE ALSO PARASITES
05660           * PARASITES
05661              SAPROPHYTES
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05670     SEE ALSO EPIPHYTES
05680     SEE ALSO SYMBIONTS
05690     SEE ALSO VECTORS
05700         * PHYTOPLANKTON
05710               NANNOPLANKTON, TYCHOPLANKTON, MACROPLANKTON
05720         * STRAINS
05730               (NOT IN A SYSTEMATIC CONTEXT) CULTURE STRAINS, RESISTANT
05740               STRAINS
05750     SEE ALSO RACIAL STUDIES
05760         * SYMBIONTS
05770               COMMENSAL ORGANISMS
05780     SEE ALSO PARASITES
05790     SEE ALSO EPIPHYTES
05800         * TRASH FISH
05810               INDUSTRIAL FISH, ANY AQUATIC ORGANISMS REDUCED TO FISH MEAL,
05820               OILS, SOLUBLES, OR FLOUR
05830     SEE ALSO FISH CONVERSION
05840         * TYPE SPECIMENS
05850         * VECTORS
05860               ORGANISMS WHICH CARRY AN ORGANISM CAPABLE OF PRODUCING
05870               DISEASE IN OTHER SPECIES, VECTOR IS NOT HARMED IN THE
05872     SEE ALSO BENTHIC ENVIRONMENT
05880               RELATION
05890         * ZOOPLANKTON
05900
05910 ECOLOGY AND BEHAVIOR
05920
05930        ** ACCLIMATION
05940               ADAPTIVE BEHAVIOR, ACCLIMITIZATION, ADAPTATION, ADJUSTMENT TO
05950               ANY ENVIRONMENTAL VARIABLE OR STRESS
05970         * BEHAVIOR - GENERAL
05971               ETHOLOGY
05980         * BEHAVIOR - AUDITORY STIMULI
05981     SEE ALSO SOUND PRODUCTION - BIOLOGICAL
05990         * BEHAVIOR - DENSITY FACTORS
06000               INFLUENCE OF POPULATION DENSITY UPON BEHAVIOR, AGGREGATION
06010     SEE ALSO POPULATION DENSITY INFLUENCES
06020         * BEHAVIOR - GRAVITY EFFECTS
06021     SEE ALSO TROPISM
06030         * BEHAVIOR - LIGHT EFFECTS
06032               PHOTOPERIODICITY
06040     SEE ALSO INFRA-RED RADIATION
06050     SEE ALSO LIGHT - VISIBLE
06060     SEE ALSO ULTRAVIOLET LIGHT
06070         * BEHAVIOR - OLFACTORY STIMULI
06080               ANY OLFACTORY INFLUENCE, CHEMOTAXIS (INCLUDES ATTRACTANTS FOR
06090               AND REPELLENTS AGAINST ORGANISMS OF UNKNOWN ACTION)
06100     SEE ALSO CHEMORECEPTION
06110         * BEHAVIOR - PRESSURE EFFECTS
06120             HYDROSTATIC INFLUENCES UPON BEHAVIOR
06130     SEE ALSO WATER PRESSURE
06140         * BEHAVIOR - PROTECTIVE
06150               HOSTILITY, ANTAGONISM, AVOIDING OR HIDING FROM PREDATORS
06152         * BEHAVIOR - REPRODUCTIVE AND PARENTAL
06153               SPAWNING BEHAVIOR, COURTSHIP RITUALS (NOT SEASONS OR DURATION
06154               OF REPRODUCTION)
06155         * BEHAVIOR - TACTILE STIMULI
06160         * BEHAVIOR - TEMPERATURE EFFECTS
06170     SEE ALSO WATER TEMPERATURE
06180         * BIPOLARITY
06190               ORGANISMS WHICH ARE DISTRIBUTED IN BOTH POLAR REGIONS, BUT
06200               NOT IN THE TROPICS
06210     SEE ALSO DISTRIBUTION - HORIZONTAL
06220         * CHROMATIC BEHAVIOR
06230             COLORATION OF ORGANISMS, INFLUENCES UPON
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06240              COLORATION, PIGMENTATION
06250          * COMMUNITY COMPOSITION
06260              COMMUNITY DIVERSITY, REPRESENTATIVE ORGANISMS OF AN AREA
06270      SEE ALSO SAMPLING DISTRIBUTIONS
06280      SEE ALSO CHECK LISTS
06290      SEE ALSO ECOLOGY
06300         ** COMPETITION
06310              PREDATION AND OTHER ADVERSE INFLUENCES OF ONE POPULATION ON
06320              ANOTHER (E.G. COMPETITION FOR FOOD, NUTRIENTS, OR SPACE)
06330              AMENSALISM
06340      SEE ALSO POPULATION DENSITY INFLUENCES
06350         ** CYCLIC ACTIVITY
06360              SEASONAL SUCCESSION, VERTICAL MIGRATION, PHYSIOLOGICAL RHYTHM
06370      SEE ALSO DIURNAL RHYTHM
06380          * DISPERSAL PHENOMENA
06390              DIFFUSION OR DISPERSION OF ORGANISMS, DISSOLVED OR SUSPENDED
06400              MATTER
06410         ** DISTRIBUTION - HORIZONTAL
06420              TIDAL ZONATION, LITTORAL ZONATION, RANGE
06430      SEE ALSO BIPOLARITY
06440         ** DISTRIBUTION - VERTICAL
06450              VERTICAL GRADIENTS OF TEMPERATURE, ETC., DISTRIBUTION OF
06460              ORGANISMS
06470         ** DIURNAL RHYTHM
06480              CIRCADIAN RHYTHM
06490      SEE ALSO CYCLIC ACTIVITY
06500         ** ENERGY FLOW
06510              SPECIFIC STUDIES ON THE FLOW OF ENERGY (MEASURED IN ANY WAY)
06520              THROUGH AN ECOSYSTEM, TROPHIC LEVEL, OR SINGLE ORGANISM
06530      SEE ALSO INFORMATION THEORY
06540          * FEEDING BEHAVIOR
06550              FEEDING HABITS (NOT FOOD EATEN)
06560      SEE ALSO FOOD CHAINS
06570          * FOOD CHAINS - NATURAL
06580              FOOD EATEN, STOMACH CONTENTS
06590          * LEARNING BEHAVIOR
06600              IMPRINTING, MEMORY, CONDITIONED RESPONSE OR REFLEX
06610          * MIGRATIONS - GENERAL
06620              AGGREGATING BEHAVIOR, LOCAL MOVEMENTS
06621      SEE ALSO TAXIS
06630          * MIGRATIONS - ANADROMOUS
06640              FOR INSTANCE SALMON
06641      SEE ALSO TAXIS
06650          * MIGRATIONS - CATADROMOUS
06660              FOR INSTANCE EELS
06661      SEE ALSO TAXIS
06670          * MIGRATIONS - POTADROMOUS
06680              MIGRATIONS FROM LAKES TO STREAMS AND BACK
06681      SEE ALSO TAXIS
06690          * POPULATION DENSITY INFLUENCES
06700              DENSITY DEPENDENT FACTORS
06710      SEE ALSO BEHAVIOR - DENSITY FACTORS
06750      SEE ALSO REPRODUCTION - SEXUAL
06760          * SCHOOLING BEHAVIOR
06770              SWARMING, HERDING, FLOCKING (NOT ALWAYS FISHES)
06780              SOCIAL ISOLATION, SOCIAL BEHAVIOR
06790          * TAXIS
06800              ORIENTED MOVEMENT IN RESPONSE TO AN EXTERNAL STIMULUS,
06810              ORTHOKINESIS, KLINOKINESIS, HOMING BEHAVIOR
06820      SEE ALSO TROPISM
06830          * TROPISM
06840              BALANCE, POSTURE OR ORIENTATION IN RESPONSE TO AN EXTERNAL
06850              STIMULUS
06860      SEE ALSO BALANCE ORGANS
06865      SEE ALSO BEHAVIOR - GRAVITY EFFECTS
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06870     SEE ALSO TAXIS
06880
06890  ENVIRONMENTS
06900
06910          * ABYSSAL ZONE
06920               DEEP WATERS, BUT LESS THAN 6,000M DEEP, BATHYL ZONE
06930     SEE ALSO SUBMARINE DEEPS
06940          * BENTHIC ENVIRONMENT
06950               USE ONLY WHEN THE SUBSTRATE IS DESCRIBED IN TERMS OF AN
06960               ENVIRONMENT
06970     SEE ALSO INTERTIDAL ENVIRONMENT
06971     SEE ALSO SEDIMENT - UNCONSOLIDATED
06980          * CAVES
06990               SUBTERRANEAN ENVIRONMENTS
07000          * CONTINENTAL SHELF
07010               COASTAL AREAS, INCLUDING BOTTOM AND WATERS ABOVE, BAYS,
07011               NERITIC ZONE, SUBLITTORAL ZONE
07020          * CORAL REEFS
07022         ** DAMS AND RESERVOIRS
07023               MAN-MADE IMPOUNDMENTS AND INFLUENCES OF IMPOUNDMENTS
07024     SEE ALSO PONDS
07025     SEE ALSO HABITAT IMPROVEMENT - PREVENTING OR FACILITATING MOVEMENT OF
07026     ORGANISMS
07030          * DESERTS
07040          * ESTUARIES
07050               RIVERS AND STREAMS MEETING THE SEA, FJORDS
07060     SEE ALSO LAGOONS
07070          * HOT SPRINGS
07080     SEE ALSO SPRINGS
07090          * INTERTIDAL ENVIRONMENT
07100               INTERSTITIAL ENVIRONMENT, PSAMMON ENVIRONMENT
07110     SEE ALSO BENTHIC ENVIRONMENT
07120          * ISLANDS
07121               ARCHIPELIGOS
07130          * LAGOONS
07140               SALT MARSHES AND SALT PONDS, TIDE POOLS, BRACKISH PONDS, SEA
07141               LOCHS
07150     SEE ALSO ESTUARIES
07160          * LENITIC ENVIRONMENT
07170               STANDING WATER ENVIRONMENT, LAKES, RESERVOIRS
07180     SEE ALSO PONDS
07190          * LITTORAL ZONE
07191               EULITTORAL ZONE
07200          * LOTIC ENVIRONMENT
07210               RUNNING WATER ENVIRONMENT, STREAMS, RIVERS, BROOKS, CREEKS,
07220               HYPORHEIC ENVIRONMENT, BECKS
07230          * MARSHES
07240               BOGS, SWAMPS, (NOT SALT MARSHES)
07250     SEE ALSO LAGOONS
07260          * PELAGIC ZONE
07270               OPEN WATER, HIGH SEAS
07280          * PONDS
07290               SEWAGE OXIDATION PONDS, FARM PONDS, NATURAL PONDS
07299     SEE ALSO DAMS AND RESERVOIRS
07300     SEE ALSO LENITIC ENVIRONMENT
07310          * PRESERVES
07320               NATIONAL PARKS, HUNTING OR FISHING PRESERVES
07330          * SALT LAKES
07340               MINERAL LAKES, CHEMICALLY STRATIFIED LAKES
07350     SEE ALSO LENITIC ENVIRONMENT
07360          * SPRINGS
07370               RHEOKRENES, LIMNOKRENES (NOT HOT SPRINGS)
07380     SEE ALSO HOT SPRINGS
07390          * STRAITS
07400               NARROW PASSAGES CONNECTING TWO LARGE BODIES OF WATER
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07410          * SUBMARINE CANYONS
07420              VALLEYS
07430      SEE ALSO SUBMARINE DEEPS
07440          * SUBMARINE DEEPS
07450              REGIONS OVER 6,000M DEEP, HADAL ZONE, TRENCHES
07460      SEE ALSO ABYSSAL ZONE
07470          * SUPRATIDAL ZONE
07480              ZONE FROM HIGH TIDE LINE SHOREWARD, SPLASH ZONE,
07481              SUPRALITTORAL ZONE
07490
07500  GENERAL SUBJECT CATEGORIES
07510
07520          * AGRICULTURE
07530              (ONLY FOR BOOKS AND GENERAL SURVEY PAPERS)
07540          * ANATOMY
07550              GENERAL ORGANIZATION OF ORGANISMS, ONLY INTERNAL ANATOMY
07560      SEE ALSO GROWTH - RELATIVE GROWTH
07570          * ARCHAEOLOGY
07580              (ONLY FOR BOOKS AND GENERAL SURVEY PAPERS)
07590              DEALS ONLY WITH HUMAN FOSSILS AND ARTIFACTS
07600          * ASTRONOMY
07610              (ONLY FOR BOOKS AND GENERAL SURVEY PAPERS)
07620          * CHARTING
07630              CHARTING AND CHARTS OF WATER AREAS ONLY, FISH CHARTS (OF
07640              DISTRIBUTION AND ABUNDANCE), WATER DEPTH CHARTS, ICE CHARTS
07650      SEE ALSO MAPPING
07660          * ECOLOGY
07670              BIOLOGICAL OCEANOGRAPHY, FRESHWATER BIOLOGY, BIOLOGY IN
07680              GENERAL TERMS, ZOOGEOGRAPHY, ECOLOGICAL CONCEPTS, BIONOMICS
07690      SEE ALSO LIFE HISTORIES
07700          * EDUCATION
07710              PERSONNEL TRAINING, EDUCATIONAL STANDARDS, PROPOSED CURRICULA
07720          * EMBRYOLOGY
07730      SEE ALSO HISTOLOGY
07740          * EVOLUTION
07750              PHYLOGENETIC/DEVELOPMENT, EVOLUTIONARY ADAPTATIONS
07770          * GENETICS
07780      SEE ALSO POPULATION GENETICS
07790         ** GEOLOGY
07800              ANY ASPECT OF GEOLOGY
07810          * GEOPHYSICS
07820              MAJOR PHYSICAL PHENOMENA AFFECTING THE STRUCTURE OF THE EARTH
07830          * HISTOLOGY
07840              CYTOLOGY
07850      SEE ALSO EMBRYOLOGY
07860          * HYDRODYNAMICS
07870              RESISTENCE TO WATER FLOW, DYNAMICS OF LOCOMOTION, FLUID
07880              MECHANICS, EQUATIONS OF MOTION
07890      SEE ALSO CORIOLIS FORCE
07900          * HYGIENE
07910              HYGIENIC PRACTICES, PRECAUTIONS, PUBLIC HEALTH
07920          * INTERNATIONAL EXCHANGE
07930              INTERNATIONAL COOPERATION, EXCHANGE OF INFORMATION, MONEY,
07940              TECHNICAL AID, ETC.
07950          * LIMNOLOGY
07960              (ONLY FOR BOOKS AND GENERAL SURVEY PAPERS)
07970              HYDROLOGY, (PHYSICS, CHEMISTRY, AND BIOLOGY OF FRESH WATERS)
07980          * LOGIC
07990              SCIENTIFIC METHOD, EXTENSIONS OR DISCUSSIONS OF DEDUCTIVE AND
08000              INDUCTIVE LOGIC, BOOLEAN ALGEBRA, (USED ONLY WHEN LOGICAL
08010              METHODS ARE SPECIFICALLY MENTIONED)
08020          * MAPPING
08030              MAPPING AND MAPS OF LAND AREAS ONLY
08040      SEE ALSO CHARTING
08050          * MATHEMATICS
08060              ALGEBRA, LINEAR ALGEBRA, MATRIX ALGEBRA, NUMERICAL ANALYSIS
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08062     SEE ALSO DIFFERENTIAL EQUATIONS
08070     SEE ALSO MODEL - MATHEMATICAL MODEL
08080         * MEDICAL PRACTICE
08090             SPACE, SUBMARINE
08100         * METEOROLOGY
08110         * NAVIGATION
08111             GEO-NAVIGATION, CELO-NAVIGATION, PILOTING
08120         * PALAEONTOLOGY
08130             DEALS WITH FOSSILS OTHER THAN OF MAN
08140         * PHOTOGRAPHY
08150             (NOT UNDERWATER PHOTOGRAPHY, OR X RAYS) ANY REPRODUCTIVE
08160             TECHNIQUE, PHOTOSTATIC PROCESSES, MICROFILMING
08170     SEE ALSO UNDERWATER PHOTOGRAPHY
08180         * PHYSICAL OCEANOGRAPHY
08190             CHEMICAL OCEANOGRAPHY
08200     SEE ALSO HYDRODYNAMICS
08210         * PHYSIOLOGY
08220         * POPULATION GENETICS
08230     SEE ALSO GENETICS
08240         * RESOURCE DEVELOPMENT
08250             DEVELOPMENT OF BIOLOGICAL AND MINERAL RESOURCES
08260         * SAFETY
08270             SAFETY EQUIPMENT AND TECHNIQUES
08280         * STATISTICS
08290             STATISTICAL THEORY, NEW OR IMPROVED TECHNIQUES
08300     SEE ALSO DATA ANALYSIS
08310     SEE ALSO OPERATIONS RESEARCH
08320     SEE ALSO QUALITY CONTROL
08330         * TAXONOMY
08340     SEE ALSO SPECIATION
08350
08360 GEOLOGY
08370
08380         * CONTINENTAL DRIFT
08390             ANY VERY LARGE SCALE LATERAL CRUSTAL MOVEMENTS
08400     SEE ALSO FAULTS
08410         * CORING
08420             CORING METHODS, OBSERVATIONS ON CORES (NOT DRILLING)
08430     SEE ALSO DRILLING
08440        ** CURRENTS - TURBIDITY CURRENTS
08450        ** DRILLING
08460             DRILLING IN SEDIMENTS, CORAL, ETC., MOHO OPERATION (NOT
08470             CORING)
08480     SEE ALSO CORING
08490         * FAULTS
08500             CRUSTAL FAULTS, WRENCH FAULTS, EARTHQUAKE FAULTS, SHEAR
08510             FRACTURES, SMALL SCALE CRUSTAL MOVEMENTS
08520     SEE ALSO CONTINENTAL DRIFT
08530     SEE ALSO SEISMIC ACTIVITY
08540         * GEOLOGY
08550             ANY ASPECT OF GEOLOGY
08560         * SEDIMENT - CONSOLIDATED
08570             CONSOLIDATED ROCK, MARL
08580         * SEDIMENT - UNCONSOLIDATED
08590             MUD, OOZE, SAND, GRAVEL, SAPROPEL
08592     SEE ALSO BENTHIC ENVIRONMENT
08600         * SEDIMENT - COMPOSITION
08610             ORGANIC AND INORGANIC COMPONENTS, MINERALS
08620         * SEDIMENT - DEPOSITION
08621             MARL FORMATION
08630         * SEDIMENT - EROSION
08640             RUNOFF, LEECHING
08650         * SEDIMENT - STRATIFICATION
08660             BEDDING, SEDIMENT SORTING
08670         * SEDIMENT - STRUCTURE
08680             ADHESIVE AND CEMENTIVE PROPERTIES, POROSITY, PERMEABILITY
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08690          * SEDIMENT - TEXTURE
08700                DESCRIPTION OF PARTICLE SIZE, MEDIAN GRAIN SIZE
08710          * SEDIMENT - TRANSPORTATION
08720                SALTATION, SEDIMENT LOADS, TRACTION, SUSPENSION
08730      SEE ALSO CURRENTS - TURBIDITY CURRENTS
08740          * SEISMIC ACTIVITY
08750                UNDERWATER VOLCANOS AND LANDSLIDES, SLUMPING
08760       SEE ALSO FAULTS
08770          * SEISMOLOGY
08780                ARTIFICIALLY PRODUCED SOUNDS USED TO DETERMINE SEDIMENT
08790                CHARACTERISTICS
08800        ** SUBMARINE CANYONS
08810                VALLEYS
08820        ** SUBMARINE DEEPS
08830                REGIONS OVER 6000M DEEP, HADAL ZONE, TRENCHES
08840          * SUBMARINE FEATURES
08850                GUYOTS, VOLCANOES, RIDGES, PLAINS, BANKS, BASINS, TROUGHS
08860       SEE ALSO SUBMARINE DEEPS
08870       SEE ALSO SUBMARINE CANYONS
08880          ** TEMPERATURE - SEDIMENT
08890                GRADIENTS OR TEMPERATURE FLUXES IN SEDIMENT
08900
08910  MATERIALS AND PROPERTIES OF THE ENVIRONMENT
08920
08930          * ACIDS - INORGANIC
08940          * ACIDS - ORGANIC
08950                HUMIC ACIDS, AMINO ACIDS
08960       SEE ALSO PROTEINS
08970          * ACTINIUM
08980       SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
08990          * ALPHA RADIATION
09000                .01 TO .06 ANGSTROMS
09010          * ALUMINUM AND ALUMINUM ALLOYS
09020                BAUXITE, CRYOLITE
09030       SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09040          * AMERICIUM
09050       SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09060          * AMMONIA AND AMMONIUM COMPOUNDS
09070       SEE ALSO NITROGEN AND NITROGEN COMPOUNDS
09080       SEE ALSO NITROGEN SYSTEMS
09090       SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09100          * ANNUAL VARIATIONS
09110       SEE ALSO SEASONAL VARIATIONS
09120          * ANTIBIOTICS
09130       SEE ALSO DRUGS
09140       SEE ALSO MEDICINAL USES OF AQUATIC PRODUCTS
09150          * ANTIMONY
09160       SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09170          * ARGON AND ARGON COMPOUNDS
09180       SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09190          * ARSENIC AND ARSENIC COMPOUNDS
09200       SEE ALSO TOXICANTS
09210       SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09220          * ASTATINE
09230       SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09240          ** ATMOSPHERIC CONDITIONS
09250                SHORT TERM WEATHER CONDITIONS, CLOUDS, CLOUD COVER, SHADE
09260       SEE ALSO BAROMETRIC PRESSURE
09270       SEE ALSO CLIMATE
09280       SEE ALSO METEOROLOGY
09290       SEE ALSO STORMS
09300       SEE ALSO WEATHER FORECASTING
09310       SEE ALSO WIND
09320          * ATOMIC ENERGY
09330                NUCLEAR POWER
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09340 SEE ALSO BOATS - PROPULSION
09350 * BARIUM AND BARIUM COMPOUNDS
09360 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09370 * BAROMETRIC PRESSURE
09380 ATMOSPHERIC PRESSURE
09390 * BERYLLIUM
09400 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09410 * BETA RADIATION
09420 * BISMUTH
09430 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09440 * BORON AND BORON COMPOUNDS
09450 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09460 * BROMINE
09470 SEE ALSO TRACE CONSTITUENTS OF FRESHWATER
09480 * BUFFER SOLUTIONS
09490 PHYSIOLOGICAL BUFFERS, BUFFERS OCCURRING IN NATURAL WATERS OR
09500 USED IN LABORATORY WORK
09510 * CADMIUM
09520 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09530 * CALCIUM AND CALCIUM COMPOUNDS
09540 GYPSUM
09550 * CARBOHYDRATES
09560 SUGARS, STARCHES, CELLULOSE
09570 SEE ALSO NUTRITION - FAT, CARBOHYDRATE AND PROTEIN
09580 * CARBON AND CARBON COMPOUNDS
09590 ** CATALYSTS
09600 SYNERGISTS, MATERIALS USED TO SPEED UP REACTIONS
09610 SEE ALSO ENZYMES
09620 SEE ALSO GROWTH REGULATORS
09630 SEE ALSO HORMONES
09640 SEE ALSO INHIBITORS
09650 * CERIUM
09660 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09670 * CESIUM
09680 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09690 * CHEMICAL STRUCTURE
09700 STRUCTURE OF ORGANIC OR INORGANIC COMPOUNDS, STRUCTURE OF
09710 ATOMS, DETAILED DESCRIPTION OF PROPERTIES OF COMPOUNDS
09720 * CHLORINE AND CHLORINE COMPOUNDS
09730 SALT, HALITE, BISCHOFITE
09740 * CHROMIUM AND CHROMIUM COMPOUNDS
09750 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09760 * CLIMATE
09770 LONG TERM WEATHER TRENDS, CLIMATIC INFLUENCES
09780 SEE ALSO ATMOSPHERIC CONDITIONS
09790 * COBALT AND COBALT COMPOUNDS
09800 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09810 * COPPER
09820 COPPER SULFATE
09830 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09840 * CORROSION
09850 METAL CORROSION, WEATHERING OF ANY STRUCTURE
09860 SEE ALSO CORROSION PROTECTION
09870 * COSMIC DUST
09880 * COSMIC RAYS
09890 * CURIUM
09900 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
09910 * DEUTERIUM AND DEUTERIUM SYSTEMS
09920 TRITIUM, HEAVY WATER, MEASUREMENT OF DEUTERIUM OR ITS
09930 REACTIONS IN ORGANISMS, OR IN THE ENVIRONMENT
09940 SEE ALSO ISOTOPES
09950 * DRUGS
09960 ANY SUBSTANCE USED MEDICINALLY FOR ANY ORGANISM, NARCOTICS
09970 SEE ALSO ANESTHETICS

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09980     SEE ALSO ANTIBIOTICS
09990     SEE ALSO CATALYSTS
10000     SEE ALSO HORMONES
10010     SEE ALSO INHIBITORS
10020     SEE ALSO MEDICINAL USES OF AQUATIC PRODUCTS
10030         * ECTOCRINES
10040               EXTRACELLULAR PRODUCTS, TOXIC, HARMESS OR BENEFICIAL PRODUCTS
10050     SEE ALSO METABOLITES
10060         * DENSITY
10070               DENSITY OF WATER, SEDIMENT, OR ANY OTHER SUBSTANCE
10080         * DISSOLVED OR FREE GASES
10090               ANY GAS DISSOLVED OR FREE IN NATURAL WATERS, INFLUENCES ON
10100               PHYSICAL OR BIOLOGICAL SYSTEMS (SEE ALSO SPECIFIC ELEMENTS)
10110               EBULIENT GAS
10120         * ELECTRICITY - ENVIRONMENTAL
10130               ELECTRICITY IN THE ENVIRONMENT, POTENTIALS, EARTH CURRENTS,
10140               TELLURIC CURRENTS
10150         * EUROPIUM
10160     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
10170         * FALLOUT - RADIOACTIVE
10180     SEE ALSO ISOTOPES
10190     SEE ALSO RADIOACTIVITY
10200         * FATS
10210               FATTY ACIDS, FAT DEPOSITS, STEROLS
10220     SEE ALSO FISH OILS
10230         * FLUORINE
10240     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
10250         * GALLIUM
10260     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
10270         * GAMMA RADIATION
10280         * GERMANIUM
10290     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
10300         * GLACIERS
10310               INFLUENCES OF GLACIATION, PACK ICE, ICEBERGS, SEA ICE (NOT
10320               ICE IN FRESHWATER ENVIRONMENTS UNLESS SPECIFICALLY GLACIERS)
10330     SEE ALSO ICE
10340         * GOLD
10350     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
10360         * GRAVITY
10370               GRAVITATIONAL FIELDS
10380     SEE ALSO BEHAVIOR - GRAVITY EFFECTS
10390         * GROUND WATER
10400     SEE ALSO WATER FILTRATION
10410     SEE ALSO WATERSHEDS
10420         * GROWTH REGULATORS
10430               GROWTH HORMONES, COLCHICINE, AUXINS, CHEMICALS AFFECTING
10440               GROWTH
10450     SEE ALSO CATALYSTS
10460     SEE ALSO HORMONES
10470     SEE ALSO INHIBITORS
10480         * GUANO
10490     SEE ALSO EXCRETORY PRODUCTS
10500         * HELIUM
10510     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
10520        ** HERBICIDES
10530     SEE ALSO TOXICANTS
10540         * HYDROGEN AND HYDROGEN COMPOUNDS
10550               (NOT USED FOR PH)
10560     SEE ALSO PH
10570         * ICE
10580               (NOT GLACIERS , SEA ICE OR PACK ICE), ANY ICE COVER ON
10590               FRESHWATER ENVIRONMENTS
10600     SEE ALSO GLACIERS
10610         * INFRA-RED RADIATION
10620        ** INHIBITORS
10630               DEPRESSANTS, SUBSTANCES USED TO SLOW DOWN REACTIONS
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10640 SEE ALSO GROWTH REGULATORS
10650 SEE ALSO ANESTHETICS
10660 * INSECTICIDES
10670 SEE ALSO TOXICANTS
10680 * IODINE AND IODINE COMPOUNDS
10690 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
10700 * IONIZING RADIATION
10710 * IRON AND IRON COMPOUNDS
10720 FERROUS AND FERRIC COMPOUNDS, STEEL
10730 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
10740 * ISOTOPES
10750 RADIOISOTOPES, DEUTERIUM, HEAVY WATER, IONIUM, TRITIUM
10760 SEE ALSO DEUTERIUM
10770 SEE ALSO RADIOACTIVITY
10780 * LANTHANIUM
10790 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
10800 * LEAD
10810 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
10820 * LIGHT - VISIBLE
10830 400 - 750 MU, SUNLIGHT, POLYCHROMATIC OR MONOCHROMATIC LIGHT
10840 SEE ALSO INFRA-RED RADIATION
10850 SEE ALSO POLARIZATION
10860 SEE ALSO REFRACTION
10870 SEE ALSO ULTRAVIOLET RADIATION
10880 * LITHIUM
10890 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
10900 * MAGNESIUM AND MAGNESIUM COMPOUNDS
10910 * MAGNETISM
10920 GEOMAGNETISM, MAGNETIC FIELDS
10930 * MANGANESE AND MANGANESE COMPOUNDS
10940 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
10950 * MECHANICAL STIMULI
10960 VIBRATION, SHOCK
10970 SEE ALSO ULTRASONIC RADIATION
10980 * MERCURY
10990 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11000 * METABOLITES
11010 SEE ALSO ECTOCRINES
11020 * MOLYBDENUM
11030 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11040 * NEON
11050 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11060 * NICKEL AND NICKEL COMPOUNDS
11070 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11080 * NIOBIUM
11090 COLUMBIUM
11100 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESH WATER)
11110 * NITROGEN AND NITROGEN COMPOUNDS
11120 NITROGEN GAS, NITRATES, NITRITES
11130 SEE ALSO AMMONIA AND AMMONIUM COMPOUNDS
11140 SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11150 * NODULES
11160 CONCRETIONS, (IN THE ENVIRONMENT ONLY - NOT CONTAINED IN
11170 ORGANISMS), TONGALLEN
11180 * OILS
11190 PETROLEUM, CRUDE OIL, OIL DEPOSITS, (NOT FISH OILS)
11200 SEE ALSO FATS
11210 SEE ALSO FISH OILS
11220 SEE ALSO SLICKS
11230 * ORGANIC MATERIALS - BOUND
11240 (MATERIALS IN THE ENVIRONMENT ONLY) IN SEDIMENTS, ADHERING
11250 ORGANIC MATTER, PARTICULATE MATTER
11260 * ORGANIC MATERIALS - DISSOLVED
11270 (MATERIALS IN THE ENVIRONMENT ONLY) SUSPENDED ORGANIC MATTER,
11280 PHENOL

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11290     SEE ALSO ECTOCRINES
11300         * OXYGEN AND OXYGEN COMPOUNDS
11310         * PH
11320               ACIDITY, HYDROGEN ION CONCENTRATION
11330         * PHOSPHORUS AND PHOSPHORUS COMPOUNDS
11340               PHOSPHATES
11350         * PIGMENTS
11360               MELANIN, GUANINE
11370     SEE ALSO CHLOROPHYLL
11380     SEE ALSO RESPIRATORY PIGMENTS
11390         * PLATINUM
11400     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11410         * PLUTONIUM
11420     SEE ALSO ISOTOPES
11430     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11440         * POLLUTION - GENERAL
11450     SEE ALSO SEWAGE
11460         * POLLUTION - CHEMICAL
11470         * POLLUTION - DEOXYGENATING
11480               MILK WASTES, DECOMPOSING ORGANIC MATTER
11490     SEE ALSO SEWAGE
11500         * POLLUTION - RADIOACTIVE
11510     SEE ALSO WASTE DISPOSAL - RADIOACTIVITY
11520         * POLONIUM
11530     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11534         * POTABLE WATER SUPPLIES
11535               DRINKING WATER, RESERVOIRS AND OTHER STORAGE BODIES FOR
11536               POTABLE WATER, POTABLE WATER STANDARDS
11537     SEE ALSO WATER FILTRATION
11540         * POTASSIUM AND POTASSIUM COMPOUNDS
11550         * PRECIPITATION
11560               RAIN, SNOW, HAIL
11570     SEE ALSO RIVER DISCHARGE
11580         * PROMETHIUM
11590     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11600         * RADIOACTIVITY
11610               MEASUREMENT AND METHODS OF MEASUREMENT
11620     SEE ALSO FALLOUT - RADIOACTIVE
11630     SEE ALSO ISOTOPES
11640         * RADIUM
11650     SEE ALSO ISOTOPES
11660     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11670         * RADON
11680     SEE ALSO ISOTOPES
11690     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11700         * REDOX POTENTIAL
11710               OXIDATION-REDUCTION POTENTIAL
11715         * RHENIUM
11716     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11720         * RIVER DISCHARGE
11730               RIVER AND STREAM FLOW RATES, FLOODING AND ITS INFLUENCES ON
11740               ENVIRONMENT AND ORGANISMS
11750     SEE ALSO FLOOD CONTROL
11760     SEE ALSO PRECIPITATION
11770         * RUBIDIUM
11780     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11790         * RUTHENIUM
11800     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11810         * SALINITY AND CHLORINITY
11820     SEE ALSO WATER HARDNESS
11830         * SCANDIUM
11840     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
11850         * SEASONAL VARIATIONS
11860               SEASONAL CHANGES IN ANYTHING, SEASONAL SUCCESSION
11870     SEE ALSO ANNUAL VARIATIONS
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11880      SEE ALSO ATMOSPHERIC CONDITIONS
11890      SEE ALSO CLIMATE
12000          * SELENIUM
12010      SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
12020          * SEWAGE
12030               SEWAGE TREATMENT, MUNICIPAL EFFLUENTS, ANIMAL WASTE
12040      SEE ALSO POLLUTION - DEOXYGENATING
12050          * SILICON AND SILICON COMPOUNDS
12060      SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
12070          * SILVER
12080      SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
12090          * SLICKS
12100               LAYERS OF OILY SUBSTANCES ON WATER, OF BIOLOGICAL OR OTHER
12110               ORIGINS
12120      SEE ALSO OILS
12130      SEE ALSO FATS
12140          * SODIUM AND SODIUM COMPOUNDS
12150         ** SOUND PRODUCTION - BIOLOGICAL
12160          * SOUND PRODUCTION - PHYSICAL
12170          * SOUND WAVES -  AIR TRANSMISSION
12180      SEE ALSO ULTRASONIC RADIATION
12190          * SOUND WAVES - UNDERWATER TRANSMISSION
12200               UNDERWATER SOUND, SPEED, INTENSITY
12210      SEE ALSO ULTRASONIC RADIATION
12220          * STRONTIUM AND STRONTIUM COMPOUNDS
12230      SEE ALSO ISOTOPES
12240      SEE ALSO RADIOACTIVITY
12250      SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
12260          * SULPHUR AND SULPHUR COMPOUNDS
12270               SULFATES, SULFITES, GYPSUM, MIRABILITE
12280          * TANNIN
12285          * TEMPERATURE - AIR
12290          * TEMPERATURE - SEDIMENT
12300          * TEMPERATURE - WATER
12310          * THORIUM
12320               IONIUM
12330      SEE ALSO ISOTOPES
12340      SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
12350          * TIN
12360      SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
12370          * TITANIUM
12380          * TOPOGRAPHY
12390               LAND RELIEF ONLY, GEOGRAPHY
12400          * TOXICANTS
12410               POISONS AND THEIR EFFECTS, FISH POISONS (ONLY ARTIFICIALLY
12420               INTRODUCED TOXICANTS)
12430      SEE ALSO DETOXIFICATION
12440      SEE ALSO HERBICIDES
12450      SEE ALSO INHIBITORS
12460      SEE ALSO INSECTICIDES
12470          * TRACE CONSTITUENTS OF FRESH WATER
12480               TRACE ELEMENTS OR COMPOUNDS COMPOSED OF ELEMENTS OTHER THAN -
12481               OXYGEN, HYDROGEN, CHLORINE, SODIUM, MAGNESIUM, SULFUR,
12490               CALCIUM, POTASSIUM, OR CARBON
12500          * TRACE CONSTITUENTS OF SEA WATER
12510               TRACE ELEMENTS OR COMPOUNDS COMPOSED OF ELEMENTS OTHER THAN -
12520               OXYGEN, HYDROGEN, CHLORINE, SODIUM, MAGNESIUM, SULFUR,
12530               CALCIUM, POTASSIUM, BROMINE OR CARBON
12540          * TUNGSTEN
12550      SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
12560          * ULTRASONIC RADIATION
12561               SUPERSONIC WAVES, VIBRATIONS EXCEEDING 20 KC PER SECOND
12570          * ULTRAVIOLET RADIATION
12580          * URANIUM
12590      SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
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12520     SEE ALSO ISOTOPES
12530         * VANADIUM
12540     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
12550         * VITAMINS
12560         * WATER DEPTH
12570               BOTTOM RELIEF, BOTTOM TOPOGRAPHY, UNDERWATER RELIEF
12580     SEE ALSO CHARTING
12590     SEE ALSO ECHO SOUNDING
12600         * WATER HARDNESS
12610               ALKALINITY, CONDUCTIVITY
12620         * WATER PRESSURE
12630         * WATER TRANSPARENCY AND COLOR
12640               TURBIDITY OR COLOR OF NATURAL WATERS, LIGHT SCATTERING,
12650               EXTINCTION COEFFICIENT, SELECTIVE ABSORBTION OF LIGHT
12660     SEE ALSO COLORIMETRIC TECHNIQUES
12670     SEE ALSO REFRACTION
12672     SEE ALSO WATER ANALYSIS - PHYSICAL
12680         * X RADIATION
12690               .06 TO 102 ANGSTROMS, MEASUREMENT OF AND METHODS OF
12700               MEASUREMENT
12710         * YTTRIUM
12720     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
12730         * ZINC AND ZINC COMPOUNDS
12740     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
12750         * ZIRCONIUM
12760     SEE ALSO TRACE CONSTITUENTS OF SEA WATER (OR OF FRESHWATER)
12770
12780  PROPERTIES AND CHEMISTRY OF THE ORGANISMS
12790
12800         * ALBINISM
12810               (INCLUDE ALSO CHROMATIC BEHAVIOR)
12820     SEE ALSO CHROMATIC BEHAVIOR
12830         * ANTIBODIES
12840               ANTIGENS
12850     SEE ALSO BLOOD CLASSIFICATIONS
12860     SEE ALSO PROTEINS
12870         * BLINDNESS
12880     SEE ALSO VISION
12890         * CANCER AND CANCER PRODUCING SUBSTANCES
12900               CARCINOGENS, CARCINOMAS, SARCOMAS, MELANOMAS, TUMORS
12910         * CHLOROPHYLL
12911               ANY PHOTOSYNTHETIC PIGMENTS, CAROTENE, XANTHOPHYLL
12913     SEE ALSO PHOTOSYNTHESIS
12914     SEE ALSO PIGMENTS
12920        ** CHROMOSOME CONSTITUTION
12930               CHROMOSOME NUMBER, MORPHOLOGY, GENOTYPE DESCRIPTION
12940     SEE ALSO GENETICS
12950     SEE ALSO SEX DETERMINATION
12960         * CONDITION FACTOR
12970               COEFFICIENT OF CONDITION, PONDERAL INDEX, LEN.-
12980               WT. RELATIONSHIP, FITNESS FACTOR
12990     SEE ALSO GROWTH - RELATIVE GROWTH
13000     SEE ALSO POLYMORPHISM
13010         * DISEASES
13020               EPIZOOTICS, EPIDEMICS, PARASITIC DISEASES, BACTERIA AND VIRUS
13021               DISEASES
13030     SEE ALSO MORTALITY - CAUSES
13040     SEE ALSO PARASITES
13050     SEE ALSO TOXICANTS
13060         * ENZYMES
13070               CELLULASE, PROTEINASE, CYTOCHROME OXIDASE, DIGESTIVE ENZYMES
13080     SEE ALSO CATALYSTS
13090     SEE ALSO ORGANIC CONSTITUENTS - BIOLOGICAL
13100         * EXCRETORY PRODUCTS
13110               FECES, URINE, GUANO, PSEUDOFECES
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SEE ALSO GUANO
** FATS
FATTY ACIDS, FAT DEPOSITS, STEROLS
* FECUNDITY
FERTILITY
SEE ALSO POPULATION ESTIMATES - RATE OF REPRODUCTION ESTIMATES
** GROWTH - RELATIVE GROWTH
ALLOMETRY, ASSOCIATED MEASUREMENTS, RATIOS OF BODY PROPORTION
MORPHOLOGY, MORPHOMETRY
SEE ALSO CONDITION FACTOR
SEE ALSO POLYMORPHISM
* HERMAPHRODITES
BISEXUALITY, SELF FERTILIZATION
SEE ALSO SEX DETERMINATION
* HORMONES
SEE ALSO CATALYSTS
SEE ALSO ENZYMES
* INORGANIC CONSTITUENTS - BIOLOGICAL
ANY INORGANIC COMPONENTS OF BIOLOGICAL MATERIAL, IONIC
COMPOSITION
SEE ALSO CHEMICAL ASSAYS
SEE ALSO ORGANIC CONSTITUENTS - BIOLOGICAL
** INTERFACE PHENOMENA - BIOL. MATERIAL, PHYSICAL ENVIRONMENT
SEE ALSO ACCUMULATION OF IONS
SEE ALSO OSMOREGULATORY ACTIVITY
* MERISTIC COUNTS
FIN RAY COUNTS, GILL RAKER COUNTS
* NUTRITIVE VALUE
ANY MEASURE OF UTILITY AS A FOOD, PROTEIN CONTENT, VITAMIN
CONTENT
SEE ALSO NUTRITION - GENERAL
SEE ALSO NUTRITION - MINERAL
SEE ALSO NUTRITION - CARBOHYDRATE, FAT AND PROTEIN
* ORGANIC CONSTITUENTS - BIOLOGICAL
ANY ORGANIC COMPONENTS OF BIOLOGICAL MATERIAL, PROTEINS
SEE ALSO CHEMICAL ASSAYS
SEE ALSO INORGANIC CONSTITUENTS - BIOLOGICAL
* POISONS OF BIOLOGICAL ORIGIN
SUBSTANCES PRODUCED BY ORGANISMS AND TOXIC TO THE SAME OR
OTHER ORGANISMS (NOT ECTOCRINES)
SEE ALSO NOXIOUS ORGANISMS
SEE ALSO ECTOCRINES
SEE ALSO BIOSYNTHESIS
* POLYMORPHISM
SEXUAL DIMORPHISM, CYCLOMORPHOSIS, VARIATIONS IN BODY FORM
SEE ALSO CONDITION FACTOR
SEE ALSO GROWTH - RELATIVE GROWTH
* POLYPLOIDY
ORGANISMS HAVING MORE THAN THE NORMAL COMPLEMENT OF
CHROMOSOMES OR THE HAPLOID COMPLEMENT
SEE ALSO GENETICS
* PROTEINS
PROTEIN EXTRACTIONS, AMINO ACIDS, LYSINE, ARGANINE, TYROSINE,
ANTIGENS
SEE ALSO ACIDS - ORGANIC
* RESPIRATORY PIGMENTS
HAEMOGLOBINS, HAEMOCYANINS, CHLOROCRUORINS, HAEMERYTHRINS,
CYTOCHROME
SEE ALSO PIGMENTS
* SALINITY TOLERANCE
SPECIFIC LIMITS OF SALT CONCENTRATION WHICH ORGANISMS CAN
WITHSTAND
* SEX DETERMINATION
PHYSIOLOGICAL MECHANISMS DETERMINING SEX, METHODS OF ALTERING
SEX

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13720     SEE ALSO GENETICS
13730     SEE ALSO HERMAPHRODITES
13740         * STERILITY
13750             REMOVAL OR IRRADIATION OF REPRODUCTIVE ORGANS, VASECTOMY,
13760             NATURAL STERILITY
13770         * TEMPERATURE TOLERANCE
13780             SPECIFIC LIMITS OF TEMPERATURE WHICH ORGANISMS CAN WITHSTAND
13790         * VISION
13800             VISUAL ACUITY, LIGHT SENSITIVITY
13810     SEE ALSO BLINDNESS
13820     SEE ALSO EYES
13830
13840 ORGANS, TISSUES AND SYSTEMS
13850
13860         * ALIMENTARY ORGANS
13870             DIGESTIVE TRACT, ESOPHAGUS, BUCCAL CAVITY,, CUVIERIAN ORGANS,
13880             PHARYNX, GIZZARD, ENTERON, MOUTH, ORAL GROOVE
13890     SEE ALSO FEEDING MECHANISM
13900         * AUDITORY SENSE ORGANS
13910             LATERAL LINE ORGANS, WEBBERIAN OSSICLES
13920         * BALANCE ORGANS
13930             STATOCYSTS
13940     SEE ALSO TAXIS
13950       ** BIOLUMINESCENCE
13960             PHOTOPHORES, PHOTOGENIC ORGANS, LUMINOUS ORGANS
13970         * BLOOD CELLS
13980             LEUCOCYTES, ERYTHROCYTES
13990     SEE ALSO RESPIRATORY PIGMENTS
14000         * BLOOD LIQUIDS
14010             PLASMA, SERUM
14020         * BLOOD VESSELS
14030     SEE ALSO HEART
14040         * BODY CAVITY
14050             COELOM
14060         * BRAIN
14070             PINEAL ORGAN, NERVE GANGLIA
14080     SEE ALSO NERVOUS SYSTEM
14090         * CAECAE
14100             PYLORIC CAECAE
14110         * CELLS
14120             CELL MEMBRANE, PLASMALEMMA (NOT BLOOD CELLS) CELLULAR
14130             STRUCTURE AND PHYSIOLOGY, CELLS WITH SPECIFIC FUNCTIONS
14140     SEE ALSO BLOOD CELLS
14150     SEE ALSO HISTOLOGY
14160     SEE ALSO PHYSIOLOGY
14170         * CHROMOSOME CONSTITUTION
14180             CHROMOSOME NUMBER, MORPHOLOGY, DESCRIPTION OF CHROMOSOMES OR
14190             THEIR BIOCHEMISTRY, GENOTYPE DESCRIPTION
14200     SEE ALSO GENETICS
14210     SEE ALSO SEX DETERMINATION
14220         * CILIA
14230             SETAE, FLAGELLA, TENTACLES, BARBELS, SENSORY HAIRS
14240         * ECTODERM
14250             SKIN, EPIDERMIS
14260         * EGGS
14270             FEMALE GAMETES (FERTILIZED OR UNFERTILIZED)
14280         * EXCRETORY ORGANS
14290             GALL BLADDER, KIDNEY, URINARY BLADDER, SPLEEN
14300         * EYES
14310             ANY PHOTORECEPTORS, PINEAL BODY
14320         * FEEDING MECHANISMS
14330             MOUTHPARTS, JAW STRUCTURE
14340         * FINS AND FIN RAYS AND SPINES
14341             BRANCHIOSTEGAL RAYS
14350         * GILLS
14360             ANY RESPIRATORY ORGANS, LUNGS, RESPIRATORY TISSUE
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14370          * GLANDS
14380              SALT SECRETING GLANDS, THYROID, ECTOCRINE OR ENDOCRINE GLANDS
14390          * HEART
14400              HEMOCOELE
14410          * LIVER
14420         ** LOCOMOTION
14421              METHODS OF, APPENDAGES FOR, LOCOMOTORY ORGANS
14425      SEE ALSO CILIA
14426      SEE ALSO FINS AND FIN RAYS AND SPINES
14440          * MUCUS
14450              MUCIN
14460          * MUSCULATURE
14470          * NERVOUS SYSTEM
14480      SEE ALSO BRAIN
14490          * OLFACTORY ORGANS
14500          * OTOLITHS
14510          * OVARIES
14520      SEE ALSO REPRODUCTIVE ORGANS
14530          * REPRODUCTIVE ORGANS
14540              EGG DUCTS, ACCESSORY ORGANS, OVARIES, TESTES
14550      SEE ALSO OVARIES
14560      SEE ALSO TESTES
14600          * SCALES
14610              FISH SCALES, DERMAL DENTICLES, GANOID PLATES
14620          * SKELETON
14630              SKELETAL STRUCTURE, BONES, OSTEOLOGY, SHELL, EXOSKELETON
14640      SEE ALSO OTOLITHS
14650      SEE ALSO VERTEBRAE
14660          * SPERM
14670              SPERMATOZOA, SPERMATOGENESIS
14680      SEE ALSO TESTES
14690          * STINGING ORGANS
14700              NEMATOCYSTS, ELECTRIC ORGANS
14701      SEE ALSO ELECTRICITY - BIOLOGICAL
14710          * SWIM BLADDER
14720              AIR BLADDER
14730          * TASTE ORGANS
14740      SEE ALSO BEHAVIOR - OLFACTORY STIMULI
14750      SEE ALSO CHEMORECEPTION
14760          * TEETH
14770          * TESTES
14780      SEE ALSO REPRODUCTIVE ORGANS
14790      SEE ALSO SPERM
14800          * THERMORECEPTORS
14810              AMPULLA OF LORENZINI
14820          * VERTEBRAE
14830      SEE ALSO SKELETON
14840
14850  PHYSICAL OCEANOGRAPHY AND LIMNOLOGY
14860
14870          * CONVERGENCE PHENOMENA
14880              MEETING OF WATER MASSES, CURRENTS
14890         ** CORIOLIS FORCE
14900          * CURRENT MEASUREMENT - EULERIAN METHODS
14910              MEASUREMENT OF VELOCITY OF FLOW PAST A FIXED POINT, PITOT
14920              TUBES, CURRENT METERS
14930          * CURRENT MEASUREMENT - LAGRANGIAN METHODS
14940              WATER MOVEMENTS TRACED OVER TIME WITH THE USE OF TRACERS,
14950              DRIFT BOTTLES, RADIO BUOY, DYES, NEUTRALLY BUOYANT FLOATS
14960              (SWALLOW FLOATS), ETC.
14970          * CURRENTS - GENERAL
14980              DATA ON CURRENTS, WATER MOVEMENTS
14990          * CURRENTS - DEEP WATER CURRENTS
15000              ANY SUBSURFACE CURRENTS, BOTTOM CURRENTS
15010          * CURRENTS - ONSHORE CURRENTS
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15020 RIP CURRENTS, LONGSHORE CURRENTS, ANY CURRENTS BORDERING
15030 COASTLINES, INCL. LENITIC CURRENTS
15040 SEE ALSO CURRENTS - WIND DRIVEN CURRENTS
15050 SEE ALSO ESTUARINE CIRCULATION
15060 * CURRENTS - TIDAL CURRENTS
15061 ANY ONSHORE CURRENTS INFLUENCED BY TIDES, TIDAL FLOW
15062 SEE ALSO CURRENTS - ONSHORE CURRENTS
15070 * CURRENTS - TURBIDITY CURRENTS
15080 DENSITY CURRENTS, ANY BOTTOM WATER CURRENTS HAVING RELATIVELY
15090 DENSE WATER AND GENERALLY CONTAINING A SUSPENDED SEDIMENT
15100 LOAD
15110 * CURRENTS - WIND DRIVEN CURRENTS
15120 SURFACE CURRENTS OF THE OPEN OCEAN ONLY
15130 SEE ALSO CURRENTS - ONSHORE CURRENTS
15140 * DISCONTINUITY LAYER
15150 SCATTERING LAYER, THERMOCLINE, HALOCLINE
15160 * DYNAMIC TOPOGRAPHIC CALCULATIONS
15170 GEOSTROPHIC CALCULATIONS OF CURRENTS, DYNAMIC TOPOGRAPHY,
15180 PRESSURE GRADIENT FIELDS
15190 SEE ALSO ELECTROMAGNETIC CURRENT CALCULATIONS
15200 SEE ALSO CURRENT MEASUREMENT - EULERIAN METHODS
15210 SEE ALSO CURRENT MEASUREMENT - LAGRANGIAN METHODS
15220 * ELECTROMAGNETIC CURRENT CALCULATIONS
15230 USE OF ELECTROMAGNETIC GEAR TO MEASURE CURRENTS, USE OF GEK
15240 SEE ALSO DYNAMIC TOPOGRAPHIC CALCULATIONS
15250 * ENERGY BUDGETS - FRESHWATER
15260 THERMAL BALANCE BETWEEN WATER AND ATMOSPHERE
15270 WATER BALANCE, HEAT BUDGETS
15280 SEE ALSO WATER CYCLES
15290 SEE ALSO EVAPORATION
15300 * ENERGY BUDGETS - MARINE
15310 FLOW AND STORAGE OF ENERGY IN THE OCEANS AND TRANSFERS
15320 BETWEEN ATMOSPHERE AND OCEANS
15330 * ESTUARINE CIRCULATION
15340 CURRENTS, SALINITY INTRUSIONS, STANDING AND PROGRESSIVE WAVES
15350 ** HYDRODYNAMICS
15360 RESISTENCE TO WATER FLOW, DYNAMICS OF LOCOMOTION, FLUID
15370 MECHANICS, EQUATIONS OF MOTION , MEANDER MOTION, FRICTIONAL
15380 STRESSES AND MOVEMENTS BETWEEN WATER MASSES, CYCLONIC AND
15381 ANTICYCLONIC VORTICITY
15390 SEE ALSO CORIOLIS FORCE
15400 SEE ASLO DYNAMIC TOPOGRAPHIC CALCULATIONS
15410 * SURFACE SLOPE
15420 SLOPE OF WATER SURFACE
15430 SEE ALSO DYNAMIC TOPOGRAPHIC CALCULATIONS
15440 * SWELL
15450 LONG PERIOD WAVES, GRAVITY WAVES
15460 SEE ALSO WAVES - WIND WAVES
15470 * TIDES
15480 TIDAL INFLUENCES, TIDAL SPECIES OR HARMONICS, SOLAR TIDES,
15481 LUNAR TIDES, TIDE HEIGHTS
15482 SEE ALSO CURRENTS - TIDAL CURRENTS
15483 SEE ALSO WATER LEVEL
15490 SEE ALSO WAVES - TIDAL WAVES
15500 * UPWELLING
15510 LARGE SCALE UPWARD WATER MOVEMENTS
15520 SEE ALSO WATER MIXING
15530 * WATER CYCLES
15540 SEE ALSO ENERGY BUDGETS
15550 * WATER LEVEL
15560 SEA LEVEL MEASUREMENT, LAKE LEVEL MEASUREMENT, TIDE LEVELS,
15570 EMPIRICAL OBSERVATIONS ON WATER LEVEL
15572 SEE ALSO TIDES
15580 * WATER MASSES
15590 MASSES WITH DISTINCT CONSERVATIVE PROPERTIES

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15600          * WATER MIXING
15610              TURBULENCE, EDDY DIFFUSION
15620      SEE ALSO UPWELLING
15630          * WATERSHEDS
15640              DESCRIPTIONS OF WATERSHEDS AND DRAINAGE AREAS, (NOT
15650              RECLAMATION OF WATERSHEDS)
15660      SEE ALSO DRAINAGE AND RECLAMATION
15670      SEE ALSO GROUND WATER
15680      SEE ALSO HABITAT IMPROVEMENT - GENERAL
15690      SEE ALSO RIVER DISCHARGE
15700      SEE ALSO SEDIMENT - EROSION
15710      SEE ALSO SEWAGE
15720          * WAVES - CAPILLARY WAVES
15730              VERY SHORT SURFACE WAVES (LESS THAN 1.7 CM) CONTROLLED BY
15740              SURFACE TENSION,
15750      SEE ALSO CAPILLARITY
15760      SEE ALSO INTERFACE PHENOMENA - AIR, WATER
15770      SEE ALSO WAVES - WIND WAVES
15780          * WAVES - FREQUENCY
15790              WAVE PERIOD, FREQUENCY SPECTRUM
15800          * WAVES - INTERNAL WAVES
15810              ( MARINE OR FRESHWATER) SEICHES
15820          * WAVES - PLANE WAVES
15830              WAVES IN SOLID OR LIQUID MEDIA IN WHICH THE DISTURBANCE IS
15840              CONSTANT OVER ALL POINTS OF A PLANE PERPENDICULAR TO THE
15850              DIRECTION OF PROPOGATION.
15860          * WAVES - TIDAL WAVES
15870              TSUNAMIS, STORM SURGES, TIDAL BORES
15880      SEE ALSO SEISMIC ACTIVITY
15890          * WAVES - WIND WAVES
15900              SURFACE WAVES, BREAKERS, SURF, GRAVITY WAVES
15910      SEE ALSO SWELL
15920      SEE ALSO WAVES - CAPILLARY WAVES
15930
15940  PHYSICAL AND CHEMICAL PROCESSES
15950
15960          * ABSORPTION
15970              ABSORPTION COEFFICIENT, ASSIMILATION (INCL. FOOD)
15980          * AERATION - ARTIFICIAL
15990              AERATION SYSTEMS USING AIR, OXYGEN, OR GAS MIXTURES, USED FOR
16000              DIVING, WATER PURIFICATION, TRANSPORT OF ORGANISMS
16010          * ALUMINUM SYSTEMS
16020          * ARGON SYSTEMS
16030          * ARSENIC SYSTEMS
16040          * BARIUM SYSTEMS
16050          * BERYLLIUM SYSTEMS
16060          * BORON SYSTEMS
16070          * BROMINE SYSTEMS
16080          * BUOYANCY
16090              MECHANISMS FOR
16100          * CALCIUM SYSTEMS
16110          * CAPILLARITY
16120              CAPILLARY ACTION
16130      SEE ALSO WAVES - CAPILLARY WAVES
16140          * CARBON DIOXIDE SYSTEMS
16150              CO2 AND ITS CHEMICAL TRANSFORMATIONS IN
16160              ORGANISMS AND THE ENVIRONMENT
16170          * CARBON SYSTEMS
16180              CARBON DEPOSITS, CARBON ASSIMILATION, CARBON UPTAKE BY PLANTS
16190              OR ANIMALS
16200      SEE ALSO CARBON DIOXIDE SYSTEMS
16210          * CATALYSTS
16220              SYNERGISTS, MATERIALS USED TO SPEED UP REACTIONS
16230      SEE ALSO ENZYMES
16240      SEE ALSO GROWTH REGULATORS
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16250     SEE ALSO HORMONES
16260     SEE ALSO INHIBITORS
16270         * CERIUM SYSTEMS
16280         * CESIUM SYSTEMS
16290         * CHLORINE SYSTEMS
16300             CHLORIDE SHIFT
16310     SEE ALSO OSMOREGULATORY ACTIVITY
16320         * CHROMIUM SYSTEMS
16330         * COBALT SYSTEMS
16340         * COPPER SYSTEMS
16350         * CORIOLIS FORCE
16360         * DECOMPOSITION OF ORGANISMS - GENERAL
16370             BACTERIAL, AUTOLYTIC, SPOILAGE OF AQUATIC PRODUCTS (IN
16371             NATURAL ENVIRONMENTS OR IN STORAGE)
16380         * DESICCATION
16390             DRYING, DEHYDRATION
16400     SEE ALSO CORROSION
16410         * DESTRUCTIVE ACTION OF WATER
16411             (NOT CORROSION), PHYSICAL PROCESS DUE TO PRESSURE, WAVE
16412             ACTION, ETC.
16413     SEE ALSO CORROSION
16420         * DETOXIFICATION
16430             REMOVAL OF POISON OR POISON EFFECT, REMOVAL OF DISEASE
16440             PRODUCING ORGANISMS
16450        ** DEUTERIUM AND DEUTERIUM SYSTEMS
16460             TRITIUM, HEAVY WATER, MEASUREMENT OF DEUTERIUM OR ITS
16470             REACTIONS IN ORGANISMS, OR IN THE ENVIRONMENT
16480        ** DISPERSAL PHENOMENA
16490             DIFFUSION OR DISPERSION OF ORGANISMS, DISSOLVED, OR
16500             SUSPENDED MATTER
16510         * ELASTICITY
16520             ELASTIC MEDIA
16530         * EVAPORATION
16540             SURFACE EVAPORATION
16550         * FLOURESCENCE
16560         * FLUORINE SYSTEMS
16570         * GOLD SYSTEMS
16580         * HYDROGEN SYSTEMS
16590             (NOT USED FOR PH)
16600     SEE ALSO PH
16610         * INHIBITORS
16611             DEPRESSANTS, MATERIALS USED TO SLOW DOWN REACTIONS
16613     SEE ALSO ANESTHETICS
16620         * INTERFACE PHENOMENA - AIR,WATER
16630             GAS TRANSPORT BETWEEN AIR AND WATER, DIFFERENTIAL
16640             TRANSMISSION OF LIGHT, SOUND, ETC.
16650     SEE ALSO CAPILLARITY
16660     SEE ALSO WAVES - CAPILLARY WAVES
16670         * INTERFACE PHENOMENA - SEDIMENT,WATER
16680             ANY PHYSICAL OR CHEMICAL PHENOMENA OCURRING AT THE SEDIMENT -
16690             WATER INTERFACE, ION EXCHANGE, OXIDATION-REDUCTION REACTIONS
16700         * IODINE SYSTEMS
16710         * IRON SYSTEMS
16720         * LANTHANIUM SYSTEMS
16730         * LEAD SYSTEMS
16740         * LITHIUM SYSTEMS
16750         * MAGNESIUM SYSTEMS
16760         * MANGANESE SYSTEMS
16770         * MERCURY SYSTEMS
16775         * MOLYBDENUM SYSTEMS
16780         * NICKEL SYSTEMS
16790         * NITROGEN SYSTEMS
16800             INFLUENCES OR REACTIONS OF NITROGEN IN ANY SYSTEM
16810         * OXYGEN SYSTEMS - ENVIRONMENTAL
16820             ANY REACTIONS OF OXYGEN IN THE ENVIRONMENT
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16830          * PHOSPHORUS SYSTEMS
16840          * POLARIZATION
16850               LIGHT POLARIZATION, INFLUENCES OF POLARIZED LIGHT
16860      SEE ALSO BEHAVIOR - LIGHT EFFECTS
16870      SEE ALSO COLORIMETRY
16880          * POLONIUM SYSTEMS
16890          * POTASSIUM SYSTEMS
16900          * RADIUM SYSTEMS
16910          * REFRACTION
16920               REFRACTIVE INDEX, REFRACTIVE PROPERTIES OF AIR, OR WATER,
16930               REFLECTION, LIGHT SCATTERING, LIGHT DIFFUSION, TYNDALL EFFECT
16940      SEE ALSO WATER ANALYSIS - PHYSICAL
16950      SEE ALSO WATER TRANSPARENCY AND COLOR
16960          * RUBIDIUM SYSTEMS
16970          * RUTHENIUM SYSTEMS
16990          * SCANDIUM SYSTEMS
17000          * SELENIUM SYSTEMS
17010          * SILICON SYSTEMS
17020          * SILVER SYSTEMS
17030          * SODIUM SYSTEMS
17040          * STRONTIUM SYSTEMS
17050          * SULPHUR SYSTEMS
17060          * THORIUM SYSTEMS
17065          * TITANIUM SYSTEMS
17070          * URANIUM SYSTEMS
17080          * VANADIUM SYSTEMS
17090          * YTTRIUM SYSTEMS
17100          * ZINC SYSTEMS
17105          * ZIRCONIUM SYSTEMS
17110
17120  SHIPS AND THEIR OPERATION AND MAINTENENCE
17130
17140          * BOATS - COMMERCIAL FISHING
17150               DRAGGERS, LOBSTER BOATS, LONGLINERS
17160      SEE ALSO BOATS - FACTORY SHIPS
17170          * BOATS - FACTORY SHIPS
17180               REFRIGERATOR SHIPS, MOTHER SHIPS
17190          * BOATS - MERCHANT VESSELS
17200               TUGS, OIL TANKERS, LINERS
17210          * BOATS - OCEANOGRAPHIC VESSELS
17220               RESEARCH VESSELS
17230          * BOATS - PROPULSION
17240               PROPELLERS, MARINE ENGINES, SPEED OF VESSELS, MECHANIZATION
17241               OF VESSELS, FISHING POWER
17250      SEE ALSO ATOMIC ENERGY
17260      SEE ALSO FUELS
17264          * BOATS - STEERING GEAR
17265               AUTOMATIC PILOTS, AUTOMATIC AND MANUAL STEERING DEVICES
17270          * BOATS - SUBMARINES
17280               BATHYSCAPHES, UNDERWATER RESEARCH VESSELS
17290      SEE ALSO SELF CONTAINED UNDERWATER DIVING GEAR
17300          * BOATS - UNCONVENTIONAL
17310               TURBOCRAFT, AIR PROPELLED
17320          * CORROSION PROTECTION
17330          * CRUISES AND EXPEDITIONS
17340          * DE-ICING
17350          * NAVAL ARCHITECTURE
17360               BOAT BUILDING, SHIP PLANS AND CONSTRUCTION
17370          * SHIP ROUTING
17380          * SHIP STABILIZATION
17390               DEVICES AND CONSTRUCTION FOR IMPROVING STABILITY,
17391               OBSERVATIONS ON STABILITY AND OTHER SHIP BEHAVIOR
17400
17410  LEGISLATION
17420
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17430        ** DUTIES ON AQUATIC PRODUCTS
17440              IMPORT, EXPORT AND TRANSIT DUTIES, TARRIFF REGULATIONS
17450      SEE ALSO TRADE - INTERNATIONAL
17460          * LAND AND WATER USE - POLICY AND OWNERSHIP
17470              (CONCERNS ONLY FRESHWATERS)
17480      SEE ALSO LEGISLATION - LAW OF THE SEA
17490          * LEGAL PROBLEMS
17500          * LEGISLATION - GENERAL
17510              LAWS NOT COVERED BY SPECIFIC LEGISLATION TERMS, GOVERNMENTAL
17520              HEARINGS, INTERNATIONAL AGREEMENTS
17530          * LEGISLATION - ECONOMIC AID
17540              SUBSIDIES, SOCIAL SECURITY, PENSIONS
17550      SEE ALSO GRANTS
17555          * LEGISLATION - LAW ENFORCEMENT AND POLICING
17556              ENFORCEMENT OF REGULATIONS
17560          * LEGISLATION - LAW OF THE SEA
17570              LAWS CONCERNING ONLY MARINE WATERS, PROVISION
17580              FOR SAFEGUARDING OF AMENITY WATERS, TERRITORIAL WATERS
17590          * LEGISLATION - LICENCES AND PERMITS
17600              STATISTICS RELATING TO LICENCES, LICENCE FEES
17610      SEE ALSO LEGISLATION - PROTECTION AGAINST POOR EXPLOITATION AND
17620      MANAGEMENT OF ORGANISMS
17630          * LEGISLATION - MARKETING LEGISLATION
17640              FISH INSPECTION REGULATIONS, STANDARDS OF QUALITY FOR AQUATIC
17650              PRODUCTS, LABELLING RESTRICTIONS ON FOOD, RETAIL AND
17660              WHOLESALE TRADE RESTRICTIONS, PRICE FIXING
17670      SEE ALSO MARKETING AQUATIC PRODUCTS
17680      SEE ALSO QUALITY CONTROL
17690          * LEGISLATION - NAVIGATION AND PILOTING LAWS
17700              RULES OF THE ROAD, LOAD LINE RULES, HARBOR AND QUARANTINE
17710              REGULATIONS
17720          * LEGISLATION - PROTECTION AGAINST POOR EXPLOITATION
17730                AND MANAGEMENT OF ORGANISMS
17740              SIZE LIMITS, UNDESIRABLE INTRODUCTIONS, FISHERIES MANAGEMENT,
17750              MESH REGULATIONS, AREA RESTRICTIONS, SEASONS, BAG LIMITS,
17760              QUOTAS
17770      SEE ALSO LEGISLATION - LICENCES AND PERMITS
17780          * LEGISLATION - PROTECTION OF OWNERSHIP AND NATIONAL RIGHTS TO
17790          *      FISHERIES
17800         ** TRADE - INTERNATIONAL
17810      SEE ALSO DUTIES ON AQUATIC PRODUCTS
17820
17830  GEAR AND EQUIPMENT
17840
17850          * AIR CRAFT
17860              USAGE IN FISH SPOTTING, ETC.
17870          * ANESTHETICS
17880              DEPRESSANTS, MS222, URETHANE, CO2
17890      SEE ALSO DRUGS
17900      SEE ALSO INHIBITORS
17910         ** ARTIFICIAL FEEDS AND FEEDING
17920              TYPES OF ANIMAL FEEDS, METHODS OF FEEDING
17930      SEE ALSO FEED PREPARATION
17940         ** BAIT
17950              FISHING BAIT, CHUM, POISON BAITS, ARTIFICIAL BAITS, LURES
17960         ** BUFFER SOLUTIONS
17970              PHYSIOLOGICAL BUFFERS, BUFFERS OCCURRING IN NATURAL WATERS OR
17980              USED IN LABORATORY WORK
17990          * BUOYS
18000              LIGHT, RADIO, MARKER, FISHING AND NAVIGATION BUOYS, RADAR
18001              REFLECTORS
18010          * CALIBRATION
18020              METHODS OF CALIBRATING EQUIPMENT, ACCURACY OR RELIABILITY OF
18030              EQUIPMENT, TESTING OR TRIALS OF EQUIPMENT
18040          * CANALS
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CONDUITS, DIVERSIONS (NOT IRRIGATION DITCHES)
SEE ALSO IRRIGATION
** COLOROMETRIC TECHNIQUES
REAGENTS, COLORIMETERS, NESSLER TUBES, PHOTOMETERS, FLAME PHOTOMETERS, FLUORESCENCE METERS, SPECTROGRAPHS, REFRACTOMETERS, POLARIMETERS, INTERFEROMETERS, NEPHELOMETERS
* COMMERCIAL AVAILABILITY
PURCHASING GUIDES, PRICE LISTS
* COMMUNICATION METHODS AND DEVICES
SIGNALLING APPARATUS, STANDARD SIGNALS, RADIOS, SUBMARINE CABLES
* COMPUTERS
DESK CALCULATORS, ANALOG AND DIGITAL
SEE ALSO DATA ANALYSIS
** CONDUCTANCE TECHNIQUES
POTENTIOMETERS, CONDUCTIVITY BRIDGES, AMNETERS, VOLTMETERS, ELECTROPLATING DEVICES, POLAROGRAPHS, REAGENTS
* COUNTING DEVICES, AUTOMATIC
BACTERIAL COUNTERS, EGG COUNTERS, PARTICLE COUNTERS.
* DAMS AND RESERVOIRS
MAN MADE IMPOUNDMENTS AND INFLUENCES OF IMPOUNDMENTS
SEE ALSO HABITAT IMPROV. - PREVENTING OR FACILITATING MOVEMENT OF ORGANISMS
SEE ALSO PONDS
* DECK GEAR
WINCHES, DRUMS, ANCHORS, CHAINS
** DESALINATION
PRODUCTION OF POTABLE WATER FROM SEA WATER
* DETERGENTS AND SOAPS
* EXPLOSIVES
(NOT NECESSARILY FOR CAPTURE OF ORGANISMS) TYPES OF EXPLOSIVES, HANDLING, USES FOR
SEE ALSO GEAR FOR CAPTURE OF ORGANISMS - EXPLOSIVES
* FILTERS
FILTER PAPER, PARTICULATE FILTERS, MILLIPORE FILTERS, ION EXCHANGERS
SEE ALSO WATER FILTRATION
* FUELS
MOTOR FUELS AND LUBRICANTS, HEATING FUELS
* GEAR AND EQUIPMENT
DESCRIPTION OF ANY GEAR OR EQUIPMENT, OR ITS FABRICATION
SEE ALSO DECK GEAR
SEE ALSO LABORATORY EQUIPMENT
SEE ALSO RECORDING EQUIPMENT
SEE ALSO MEASURING DEVICES
* GEAR FOR CAPTURE OF ORGANISMS - GENERAL
INCLUDING NON-CONVENTIONAL GEAR, BUBBLE NETS, LIGHTS, DIP NETS, BAG NETS WITH FIXED MOUTH
* GEAR FOR CAPTURE OF ORGANISMS - ANIMALS
* GEAR FOR CAPTURE OF ORGANISMS - BEACH SEINES
DRAG, POND, BAG, HAUL SEINES, CAST NETS
* GEAR FOR CAPTURE OF ORGANISMS - BOTTOM TRAWLS
BEAM, OTTER, PAREJA, TROUSER, VIGNERON - DAHL, GRANTON TRAWL, DANISH VINGE-TRAWL, MEDITERRANEAN, ITALIAN, TZOFIA HYBRID, -B- TRAWL, MAZARA TRAWL
* GEAR FOR CAPTURE OF ORGANISMS - BOW AND ARROW
* GEAR FOR CAPTURE OF ORGANISMS - DREDGES
SCALLOP AND OYSTER DREDGES
* GEAR FOR CAPTURE OF ORGANISMS - ELECTROFISHING
* GEAR FOR CAPTURE OF ORGANISMS - ENTANGLING STRUCTURES
GILL, TANGLE, TRAMMEL, DRIFT NETS
* GEAR FOR CAPTURE OF ORGANISMS - EXPLOSIVES
DYNAMITE, EFFECTS OF EXPLOSIVES ON ORGANISMS
SEE ALSO EXPLOSIVES
* GEAR FOR CAPTURE OF ORGANISMS - FLOATING TRAWLS

SURFACE, MIDWATER TRAWLS (ONE-BOAT AND TWO-BOAT), LARSSON -PHANTOM TRAWL-, ICELANDIC -BREIDFJORD-, BRITISH COLUMBIAN, STERNER PERSSON, ISAACS-KIDD, MODIFIED DANISH VINGE-TRAWL, LARSEN -ATOM-, THAMES SPRAT TRAWL

* GEAR FOR CAPTURE OF ORGANISMS - GAFFS
LANCES, SPEARS, HARPOONS, POINTED MISSLES

* GEAR FOR CAPTURE OF ORGANISMS - GEAR RESEARCH
NEW GEAR DEVELOPMENTS, MEASURES OF EFFICIENCY OF NEW GEAR

SEE ALSO BOATS - PROPULSION
SEE ALSO GEAR SELECTIVITY

* GEAR FOR CAPTURE OF ORGANISMS - GRAPPLES AND RAKES
SEAWEED HARVESTING, SHELLFISH HARVESTING

* GEAR FOR CAPTURE OF ORGANISMS - HOOK AND LINE
TROLLING, TROT LINES, LONGLINES, JIGS

* GEAR FOR CAPTURE OF ORGANISMS - MAINTENANCE
NET PRESERVATION AND REPAIR

SEE ALSO PRESERVATIVES

* GEAR FOR CAPTURE OF ORGANISMS - NOOSES
* GEAR FOR CAPTURE OF OGRANISMS - PLANKTON NETS
NETS FOR CAPTURE OF PHYTOPLANKTON, ZOOPLANKTON AND LARVAL FORMS, HENSEN NET, NANSEN NET, EPSTEIN NET, HELGOLAND LARVA NET, CLARKE-BUMPUS NET

* GEAR FOR CAPTURE OF ORGANISMS - POISONS
SUFFOCATION, NERVE POISONS, POISON BAITS

SEE ALSO TOXICANTS

* GEAR FOR CAPTURE OF ORGANISMS - POTS
SMALL GEAR SUCH AS LOBSTER, EEL AND CRAB POTS, MINNOW TRAPS

* GEAR FOR CAPTURE OF ORGANISMS - PUMPS
PLANKTON PUMPS, FISH PUMPS

* GEAR FOR CAPTURE OF ORGANISMS - PURSE SEINES
RING NETS, LAMPARA SEINE, ALASKAN HERRING SEINE

* GEAR FOR CAPTURE OF ORGANISMS - SIMPLE ENCLOSURES AND BARRIERS
WIERS, HOOP, FYKE NETS, D NETS, TRAP, POUND NETS

* GEAR FOR CAPTURE OF ORGANISMS - SNAP NETS

** GRAVIMETRIC TECHNIQUES
GLASSWARE, COILS, REAGENTS, ETC. FOR CLASSICAL WET CHEMISTRY

SEE ALSO LABORATORY APPARATUS

* HERBICIDES

SEE ALSO CONTROL - CHEMICAL
SEE ALSO TOXICANTS

* LABORATORY APPARATUS
(ALSO SEE SPECIFIC TYPE OF APPARATUS)

SEE ALSO GEAR AND EQUIPMENT

* MEASURING DEVICES
METHODS OR APPARATUS FOR MEASURING DISTANCE, AREA, VOLUME, OR WEIGHT, STRAIN GUAGES, NET MESH MEASUREMENT, LENGTH, VOLUME, OR WEIGHT MEASUREMENT OF ORGANISMS (NOT DEVICES FOR MEASURING WATER DEPTH OR THE ELECTROMAGNETIC SPECTRUM)

SEE ALSO GEAR AND EQUIPMENT
SEE ALSO LABORATORY APPARATUS

* MEDIA - GENERAL
* MEDIA - FLUID
NUTRIENT MEDIA

* MEDIA - SOLID
SEMI-SOLID MEDIA, AGAR

* MODEL - PHYSICAL MODEL
SIMPLIFIED REPRESENTATIONS OF PHYSICAL SYSTEMS

SEE ALSO WATER CHANNELS

* NET CONSTRUCTION
NET MATERIALS, METHODS OF CONSTRUCTION

SEE ALSO ROPE

* PLASTICS AND OTHER SYNTHETICS
NEW TYPES AND APPLICATIONS, RESINS, AS USED IN ROPES, NETS, OR OTHER EQUIPMENT

* POWER PLANTS

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19210              METHODS FOR GENERATING ELECTRICITY, RESULTS OF PLANT
19220              OPERATIONS SUCH AS WATER WARMING
19230          * PRESERVATIVES
19240              (NOT FOR PRESERVING ORGANISMS) WOOD, ROPE, NET AND METAL
19250              PRESERVATIVES, CREOSOTE, PRESERVATION METHODS
19260      SEE ALSO CONTROL - CHEMICAL
19270          * RECORDING EQUIPMENT
19271              MONITORING STATIONS, GRAPHICAL RECORDERS, SOUND RECORDERS
19280      SEE ALSO GEAR AND EQUIPMENT
19290          * ROPE
19300              MATERIALS AND METHODS FOR MAKING ROPE, TWINE, NETS, ETC.,
19310              CHARACTERISTICS OF ROPE AND TWINE
19320      SEE ALSO NET CONSTRUCTION
19330         ** SEDIMENT SAMPLING
19340              (NOT CORERS), GRABS, SCOOPS, SAMPLING EQUIPMENT OR TECHNIQUES
19350              EXCLUSIVE OF CORING
19360      SEE ALSO CORING
19370          * SELF CONTAINED UNDERWATER DIVING GEAR
19380              SCUBA GEAR, DIVING SLEDS
19390          * SOLVENTS
19400              ORGANIC SOLVENTS, ALCOHOL, ACETONE, PAINT REMOVERS
19410          * TANKS
19420              AQUARIA, LIVE CARS, HOLDING PENS, CAGES, TAGGING TANKS (NOT
19430              USED UNLESS TANKS OR THEIR CONSTRUCTION IS DESCRIBED)
19440              WATER CIRCULATION SYSTEMS
19450          * WATER CHANNELS
19460              ARTIFICIAL CHANNELS FOR WAVE AND CURRENT EXPERIMENTS
19470      SEE ALSO MODEL - PHYSICAL MODEL
19480          * WATER SAMPLING
19490              NEW GEAR AND EQUIPMENT FOR TAKING WATER SAMPLES, SAMPLING
19500              TECHNIQUES OR METHODOLOGY
19510      SEE ALSO WATER ANALYSIS - BIOLOGICAL
19520      SEE ALSO WATER ANALYSIS - CHEMICAL
19530      SEE ALSO WATER ANALYSIS - PHYSICAL
19540          * WEARING APPAREL
19550              RAINGEAR, COLD SUITS, (FOR HUMAN USE ONLY)
19560
19570  DOCUMENTATION
19580
19590          * ABSTRACTS
19600              BIBLIOGRAPHIC INFORMATION INCLUDING ANNOTATIONS, CHART
19610              CATALOGUES, SUMMARIES
19620          * BIBLIOGRAPHIES
19630              LISTS OF REFERENCES WITHOUT ANNOTATIONS , LITERATURE SURVEYS
19640      SEE ALSO ABSTRACTS
19650          * BIOGRAPHIES
19660              OBITUARIES
19670      SEE ALSO HISTORICAL DOCUMENTS
19680          * BOOK REVIEWS
196810             CRITICAL REVIEWS OF BOOKS OR ANY OTHER DOCUMENTS, CRITICAL
196811             COMMENT (INCLUDING ,,DISCUSSION,, AT SYMPOSIA, ETC.)
19690      SEE ALSO TECHNICAL REVIEWS
19700          * BOOKS
19710          * CHECK LISTS
19720              ANY RELATIVELY EXTENSIVE LIST OF A GROUP OF ORGANISMS (NOT
19721              NECESSARILY AN EXHAUSTIVE LIST)
19730          * CLASSIFICATION SYSTEMS
19740              CLASSIFICATIONS OF INANIMATE OBJECTS OR ECOLOGICAL OR
19750              BIOLOGICAL ATTRIBUTES OF ORGANISMS (NOT USED IN A TAXONOMIC
19760              SENSE), LAKE AND STREAM CLASSIFICATIONS, VESSEL
19770              CLASSIFICATIONS
19780          * COLLECTIONS - BIOLOGICAL
19790              MUSEUM COLLECTIONS, CRUISE COLLECTIONS, NOTICE OF ANY
19800              ORGANISMS PERMANENTLY PRESERVED
19810          * COLLECTIONS - PHYSICAL
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19820            MINERALS, SEDIMENTS
19830       ** COMMERCIAL AVAILABILITY
19840            PURCHASING GUIDES, PRICE LISTS, EXPORT-IMPORT GUIDES
19850        * CONFERENCES
19860            MEETINGS COVERING SEVERAL TOPICS, GENERALLY WITH UNSOLICITED
19870            PAPERS, MEETINGS OF TECHNICAL SOCIETIES
19880     SEE ALSO SYMPOSIUM
19890        * DATA
19900            EXTENSIVE OR COMPLETE ASSEMBLAGES OF DATA, DATA COLLECTION
19910            METHODS
19920     SEE ALSO DATA ANALYSIS
19930        * FALLACIOUS HYPOTHESES, CLAIMS OR MYTHS
19940            HOAXES, ERRONEOUS THEORIES, SUPERSTITIONS
19950        * FILMS
19960            MOVIES, FILMSTRIPS
19970        * GLOSSARIES
19980            DICTIONARY, LEXICON, ATLAS, ENCYCLOPEDIA
19990        * GRANTS
20000            GRANTS-IN-AID FOR RESEARCH, FELLOWSHIPS, ASSISTANTSHIPS
20010        * HISTORICAL ACCOUNT
20020            HISTORICAL ASPECTS OF A PROBLEM PLUS CURRENT PROBLEMS OR
20030            RESEARCH (NOT HISTORICAL DOCUMENT)
20040     SEE ALSO HISTORICAL DOCUMENT
20050        * HISTORICAL DOCUMENT
20060            HISTORICAL DEVELOPMENTS ONLY, HISTORY OF SCIENCE
20070     SEE ALSO HISTORICAL ACCOUNT
20080        * ILLUSTRATED
20090            GRAPHS, DIAGRAMS, PICTURES
20100        * INFORMATION HANDLING
20110            CONTROL OF LITERATURE, INFORMATION RETRIEVAL
20120        * KEYS
20130            KEYS TO ORGANISMS OR HIGHER TAXONOMIC CATEGORIES
20140     SEE ALSO TAXONOMY
20150        * LETTERS
20160            SMALL NOTES ON BROAD TOPICS, SHORT CRITICAL REVIEWS OF OTHER
20170            PAPERS (NOT USED FOR SHORT NOTES ON SPECIFIC TOPICS)
20180        * MANUSCRIPT PREPARATION
20190            INSTRUCTIONS TO AUTHORS, PUBLICATION POLICIES AND PROBLEMS
20200        * PATENTS
20210        * PROPOSED RESEARCH
20220            ANY ACTIVITIES PROPOSED FOR THE FUTURE OR NOT YET COMPLETED,
20230            RESEARCH IN PLANNING STAGES, MANUSCRIPTS OR TREATISES IN
20240            PREPARATION OR PROPOSED
20250        * REPORTS OF LABORATORIES OR INSTITUTIONS
20260            ANNUAL REPORTS, REPORTS OF DIRECTORS, FISCAL REPORTS,
20270            GOVERNMENT AGENCY REPORTS
20280        * REQUESTS
20290            REQUESTS FOR RESEARCH MATERIAL, REQUESTS FOR INFORMATION OR
20300            ADVICE
20310        * RESEARCH INSTITUTION - BIOLOGICAL
20320            DESCRIPTIONS OF BIOLOGICAL LABS AND THEIR AREAS OF INTEREST
20330        * RESEARCH INSTITUTION - PHYSICAL
20340            DESCRIPTIONS OF PHYSICAL SCIENCES LABS AND THEIR AREAS OF
20350            INTEREST
20360        * RESEARCH PHILOSOPHY
20370            PAPERS OF A GENERAL NATURE, GENERALLY BY EXPERTS, PROVIDING
20380            VIEWS ON RESEARCH NEEDS, METHODOLOGY OR APPROACH
20390        * SCIENTIFIC PERSONNEL
20400            MEMBERSHIP OF SOCIETIES, CONFERENCE PARTICIPANTS, COMMITTEES
20410        * SOCIETIES
20420            SCIENTIFIC ORGANIZATIONS, HONORARY SOCIETIES, PERMANENT
20430            CONFERENCE TEAMS
20434       ** SURVEYS
20435            COMPREHENSIVE SURVEYS OF REGIONS OR THEIR FLORA OR FAUNA (NOT
20436            FOR SPECIFIC ORGANISMS)
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20440          * SYMPOSIUM
20450              MEETINGS ON SPECIFIC TOPICS, TRAINING CENTERS, ACADEMIC
20460              COURSES
20470      SEE ALSO CONFERENCES
20480          * TABLES
20490              STATISTICAL TABLES, PROBABILITY TABLES (NOT DATA TABLES),
20500              TIDE TABLES
20510          * TECHNICAL REVIEWS
20520              CRITICAL REVIEWS, SUMMARY PAPERS, STATE OF THE ART REVIEWS
20530          * TERMINOLOGY
20540              DEFINITIONS OF TECHNICAL TERMS, NOMENCLATURE, NOTATION,
20550              STANDARDIZATION OF COMMON OR SCIENTIFIC NAMES
20560
20570  FISH TECHNOLOGY
20580
20590          * ARTIFICIAL FEEDS AND FEEDING
20600              ANIMAL FEEDS, METHODS OF FEEDING
20610      SEE ALSO FEED PREPARATION
20620          * DISCARDING AQUATIC RESOURCES
20630              WASTAGE AT SEA, CULLING FOR WASTAGE
20634         ** DECOMPOSITION OF ORGANISMS - GENERAL
20635              BACTERIAL OR AUTOLYTIC SPOILAGE OF AQUATIC PRODUCTS, KEEPING
20636              QUALITY
20640          * FEED PREPARATION
20650              TECHNIQUES FOR PREPARING ANIMAL FEEDS ONLY
20660      SEE ALSO ARTIFICIAL FEEDS AND FEEDING
20670          * FISH CONVERSION
20680              GUTTING, WASHING, SKIN AND SCALE REMOVAL, TRIMMING, SLICING,
20690              CHOPPING, FILLETING
20700          * FISH FLOUR
20710              USES, PRODUCTION OF
20720      SEE ALSO FISH MEAL
20730          * FISH MEAL
20740              MEAL PRODUCED FROM ANY AQUATIC RESOURCE
20750      SEE ALSO TRASH FISH
20760          * FISH OILS
20770              OILS OR FATS PRODUCED FROM ANY AQUATIC RESOURCE, FISH OILS,
20780              WHALE OILS
20790          * FISH SOLUBLES
20800              PRODUCTION OF, AND USES, STICKWATER
20810          * GRADING TECHNIQUES
20820              SORTING AND GRADING OF ANY AQUATIC RESOURCE
20830      SEE ALSO QUALITY CONTROL
20834         ** NUTRITIVE VALUE
20835              ANY MEASURE OF UTILITY AS A FOOD, PROTEIN CONTENT, VITAMIN
20836              CONTENT
20840          * PACKAGING OF ORGANISMS
20850              PACKAGING TECHNIQUES, WRAPPING, CANNING, RETAIL PACKAGING
20880      SEE ALSO PRESERVATION AND FIXATION OF ORGANISMS - CANNING
20890          * PALATABILITY
20900              FLAVOR, ORGANOLEPTIC TESTING, PHYSICAL APPEARANCE, TEXTURE
20905         ** PRESERVATION AND FIXATION OF ORGANISMS - GENERAL
20910         ** PRESERVATION AND FIXATION OF ORGANISMS - CANNING
20920      SEE ALSO PACKAGING OF ORGANISMS
 0930         ** PRESERVATION AND FIXATION OF ORGANISMS - CHEMICAL METHODS
 0940         ** PRESERVATION AND FIXATION OF ORGANISMS - COLD
 0950         ** PRESERVATION AND FIXATION OF ORGANISMS - DRYING
 0960          * PRESERVATION AND FIXATION OF ORGANISMS - IRRADIATION
20970              RADIO-STERILIZATION
20980         ** PRESERVATION AND FIXATION OF ORGANISMS - SMOKING
20990          * QUALITY CONTROL
21000              METHODS AND EQUIPMENT FOR CONTINUAL TESTING OF QUALITY OF A
21010              PRODUCT, CONTROL CHARTS, FISH INSPECTION REGULATIONS
21020
21030  MARKETING AND PRODUCTION
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21040
21050 * ACCOUNTANCY IN MARKETING
21060 COSTS, BOOKKEEPING, FINANCING, PRICING AND BUSINESS
21070 ADMINISTRATION IN CONNECTION WITH AQUATIC RESOURCES
21080 * CATCH STATISTICS - FISHERIES
21090 TABULATIONS OF HARVEST FOR ORGANISMS IN CLASS
21100 PISCES, CATCH IN NUMBERS OR WEIGHT
21110 SEE ALSO POP. ESTIMATES - RATE OF EXPLOITATION MEASUREME
21120 * CATCH STATISTICS - OTHER THAN FISHERIES
21130 TABULATIONS OF HARVEST FOR ANY AQUATIC RESOURCE OTHER THAN
21140 CLASS PISCES, CATCH IN NO., CATCH IN WEIGHT
21150 SEE ALSO POP. ESTIMATES - RATE OF EXPLOITATION MEASUREMENTS
21160 * DUTIES ON AQUATIC PRODUCTS
21170 IMPORT, EXPORT AND TRANSIT DUTIES, TARRIFF REGULATIONS
21180 SEE ALSO TRADE - INTERNATIONAL
21190 * FAILURES OF INDUSTRY
21200 SINGIFICANT DECREASE OR CESSATION OF FISHING OR OTHER
21210 INDUSTRIES
21220 * FISH PLANTS
21230 LAND BASED OPERATIONS FOR PREPARING AQUATIC PRODUCTS FOR
21240 MARKET OR REDUCING FISH, AND THEIR EQUIPMENT, PUMPS AND
21250 CONVEYORS TO UNLOAD OR MOVE FISH, FILLET MACHINES
21260 SEE ALSO FISHING INDUSTRY
21270 SEE ALSO GEAR AND EQUIPMENT
21280 * FISHING HARBORS
21290 LANDING PLACES, FISHING STATIONS
21300 * FISHING INDUSTRY
21310 COMMERCIAL FISHING AND, OR PROCESSING OF ANY AQUATIC
21320 ORGANISM, DESCRIPTION OF THE INDUSTRY, COOPERATIVES
21330 SEE ALSO MARKETING AQUATIC PRODUCTS
21340 SEE ALSO SPORT FISHING
21350 * FOOD FOR HUMAN CONSUMPTION
21360 AMOUNTS CONSUMED, UNUSUAL AND NEWLY USED FOODS
21370 * INORGANIC RESOURCE INDUSTRIES
21380 PETROLEUM, CHEMICAL, MINING INDUSTRIES.
21390 * LABOR
21400 AVAILABILITY OF LABOR, FISHERMEN
21410 * MARKETING AQUATIC PRODUCTS
21420 CREATING MARKETS, PROMOTION SCHEMES, PUBLIC RELATIONS,
21430 DEVELOPMENT AND OPERATIONS OF FISHING ORGANIZATIONS,
21440 CO-OPERATIVES, CORPORATIONS
21450 SEE ALSO ACCOUNTANCY IN MARKETING
21460 SEE ALSO LEGISLATION - MARKETING LEGISLATION
21470 * MEDICINAL USES FOR AQUATIC PRODUCTS
21490 SEE ALSO ANTIBIOTICS
21500 * TRADE - INTERNATIONAL
21510 IMPORTS AND EXPORTS
21520 SEE ALSO DUTIES ON AQUATIC PRODUCTS
21530 * TRANSPORT ON SEA
21540 METHODS AND EVALUATIONS OF TRANSPORT
21550 * TRANSPORT ON LAND
21560 METHODS AND EVALUATIONS OF TRANSPORT
21570 * TRANSPORT BY AIR
21580 METHODS AND EVALUATIONS OF TRANSPORT, SHIPMENT OF FOOD,
21590 EQUIPMENT, ETC.,
21600
21610 MATHEMATICAL AND STATISTICAL TECHNIQUES
21620
21630 * BIAS
21640 SAMPLING BIAS, ESTIMATOR BIAS, VALIDITY OF A TECHNIQUE
21643 SEE ALSO GEAR SELECTIVITY
21650 * CONFIDENCE LIMITS
21660 FIDUCIAL LIMITS, POINT AND INTERVAL ESTIMATES
21670 * CURVE FITTING
21680 FITTING EMPIRICAL OBSERVATIONS TO IDEALIZED CURVES SUCH AS

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21690                THE EXPONENTIAL, GOMPERTZ, AND HYPERBOLIC, NEW TYPES OF
21691                CURVES
21700           * DATA ANALYSIS
21710                DATA REDUCTION, DATA HANDLING, COMPILATION OF SYNOPSES
21720       SEE ALSO COMPUTERS
21730           * DIFFERENTIAL EQUATIONS
21740                SOLUTIONS OF, APPLICATIONS OF DIFFERENTIAL EQUATIONS,
21750                INTEGRAL EQUATIONS
21752       SEE ALSO MATHEMATICS
21760           * HARMONIC ANALYSIS
21770           * INFORMATION THEORY
21780                INFORMATION CONTENT, COMMUNICATION CHANNELS, CYBERNETICS
21790       SEE ALSO ENERGY FLOW
21800          ** LOGIC
21810                SCIENTIFIC METHOD, EXTENSIONS OR DISCUSSIONS OF DEDUCTIVE AND
21820                INDUCTIVE LOGIC, BOOLEAN ALGEBRA, (USED ONLY WHEN LOGICAL
21830                METHODS ARE SPECIFICALLY MENTIONED), SET THEORY, CLASS LOGIC
21840           * MATHEMATICAL TRANSFORMATIONS
21850                LOGARITHMIC, SIN, SQUARE ROOT, PROBIT, LOGIT
21860           * MODEL - MATHEMATICAL MODEL
21870                SETS OF EQUATIONS DESCRIBING PHENOMENA, NOMOGRAPHY,
21871                STOCHASTIC OR DETERMINISTIC MODELS
21880       SEE ALSO LOGIC
21890       SEE ALSO OPERATIONS RESEARCH
21900       SEE ALSO RANDOM WALK PROCESSES
21910           * OPERATIONS RESEARCH
21920                LINEAR AND CURVILINEAR PROGRAMMING, METHODS FOR OPTIMIZING
21930                THE OPERATIONS OF SYSTEMS QUEING THEORY, GAME THEORY,
21940                DECISION THEORY, INVENTORY CONTROL, SCHEDULING
21950       SEE ALSO MODEL - MATHEMATICAL MODEL
21960           * PROBABILITY THEORY
21970                STATISTICAL THEORY
21980       SEE ALSO STATISTICS
21990          ** QUALITY CONTROL
22010                METHODS AND EQUIPMENT FOR CONTINUAL TESTING OF QUALITY OF A
22020                PRODUCT, CONTROL CHARTS
22030       SEE ALSO STATISTICS
22040           * RANDOM WALK PROCESSES
22050                MARKOV CHAINS, MARKOV PROCESSES
22060       SEE ALSO MODEL - MATHEMATICAL MODEL
22070           * SAMPLING DISTRIBUTIONS
22080                STATISTICAL REPRESENTATION OF THE MANNER IN WHICH ORGANISMS
22090                OR PHYSICAL MASSES ARE DISTRIBUTED IN TIME OR SPACE, NEGATIVE
22100                BINOMIAL, POISSON, NEYMAN DISTRIBUTIONS, DIVERSITY INDEXES
22110           * SAMPLING FOR CENSUSES AND SURVEYS
22120                SAMPLING OF SPECIFIC ORGANISMS OR OTHER OBJECTS WITH
22130                CONSIDERATION OF SAMPLING PROBLEMS, SAMPLING THEORY
22133       SEE ALSO BIAS
22140       SEE ALSO SURVEYS
22150           * STATISTICAL CORRELATION
22160                SIMPLE AND MULTIPLE CORRELATION OR REGRESSION, MULTIPLE
22170                FACTOR ANALYSIS
22180          ** STATISTICS
22190                NEW OR IMPROVED TECHNIQUES AND GENERAL APPLICATIONS, NON-
22200                PARAMETRIC AND PARAMETRIC TECHNIQUES, EXPERIMENTAL DESIGN
22210       SEE ALSO DATA ANALYSIS
22220       SEE ALSO OPERATIONS RESEARCH
22230       SEE ALSO PROBABILITY THEORY
22240       SEE ALSO QUALITY CONTROL
22250           * TESTS FOR SIGNIFICANT DIFFERENCES
22260                NEWLY DESCRIBED STATISTICAL TESTS, ELABORATIONS UPON TESTS,
22270                OR DETAILED EXPLANATIONS OF TEST PROCEDURES, DISCRIMIMANT
22280                FUNCTION, DISTANCE FUNCTION
22282       SEE ALSO VARIANCE - COVARIANCE ANALYSIS
22290           * TIME SERIES ANALYSIS
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22291                SEQUENTIAL ANALYSIS
22300            * VARIANCE - COVARIANCE ANALYSIS
22310                ANALYSIS OF VARIANCE, RESPONSE SURFACES
22311        SEE ALSO TESTS FOR SIGNIFICANT DIFFERENCES
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22330  ASTRONOMY, CLIMATOLOGY AND METEOROLOGY
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22350            * ATMOSPHERIC CONDITIONS
22360                SHORT TERM WEATHER CONDITIONS, CLOUDS, CLOUDCOVER
22370        SEE ALSO BAROMETRIC PRESSURE
22380        SEE ALSO CLIMATE
22390        SEE ALSO STORMS
22400        SEE ALSO WIND
22410                CLOUDS, CLOUD COVER, SHADE
22420            * AURORAE
22430                AURORA AUSTRALIS, AURORA BOREALIS
22440           ** BAROMETRIC PRESSURE
22450        SEE ALSO ATMOSPHERIC CONDITIONS
22460           ** CLIMATE
22470        SEE ALSO ATMOSPHERIC CONDITIONS
22480            * MOON
22490                MOON PHASES, CYCLES ASSOCIATED WITH THE MOON, LUNAR CYCLES,
22500                MOONLIGHT
22502        SEE ALSO DIURNAL RHYTHM
22510            * STORMS
22520                HURRICANES, CYCLONES, MONSOONS, TYPHOONS
22530        SEE ALSO ATMOSPHERIC CONDITIONS
22540        SEE ALSO WIND
22550            * SUN
22560                SOLAR ATMOSPHERE, ECLIPSES, SUNSPOTS
22562        SEE ALSO DIURNAL RHYTHM
22570            * WEATHER FORECASTING
22580            * WIND
22590        SEE ALSO ATMOSPHERIC CONDITIONS
22600        SEE ALSO SEASONAL VARIATIONS
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16970 RUTHENIUM SYSTEMS
08260 SAFETY
11810 SALINITY AND CHLORINITY
13660 SALINITY TOLERANCE
07330 SALT LAKES
22070 SAMPLING DISTRIBUTIONS
22110 SAMPLING FOR CENSUSES AND SURVEYS
14600 SCALES
11830 SCANDIUM
16990 SCANDIUM SYSTEMS

06760 SCHOOLING BEHAVIOR
20390 SCIENTIFIC PERSONNEL
11850 SEASONAL VARIATIONS
05010 SECRETION
01380 SEDIMENT SAMPLING
08560 SEDIMENT - CONSOLIDATED
08580 SEDIMENT - UNCONSOLIDATED
08600 SEDIMENT - COMPOSITION
08620 SEDIMENT - DEPOSITION
08630 SEDIMENT - EROSION
08650 SEDIMENT - STRATIFICATION
08670 SEDIMENT - STRUCTURE
08690 SEDIMENT - TEXTURE
08710 SEDIMENT - TRANSPORTATION
08740 SEISMIC ACTIVITY
08770 SEISMOLOGY
11900 SELENIUM
17000 SELENIUM SYSTEMS
19370 SELF CONTAINED UNDERWATER DIVING GEAR
11920 SEWAGE
13690 SEX DETERMINATION
17370 SHIP ROUTING
17380 SHIP STABILIZATION
11960 SILICON AND SILICON COMPOUNDS
17010 SILICON SYSTEMS
11980 SILVER
17020 SILVER SYSTEMS
14620 SKELETON
12000 SLICKS
20410 SOCIETIES
12050 SODIUM AND SODIUM COMPOUNDS
17030 SODIUM SYSTEMS
19390 SOLVENTS
05090 SOUND PRODUCTION-BIOLOGICAL
12070 SOUND PRODUCTION - PHYSICAL
12080 SOUND WAVES - AIR TRANSMISSION
12100 SOUND WAVES - UNDERWATER TRANSMISSION
05110 SPECIATION
14660 SPERM
03330 SPORT FISHING
07360 SPRINGS
01460 STAINING
01420 STANDARDIZATION OF TECHNIQUES
05150 STARVATION
08280 STATISTICS
22150 STATISTICAL CORRELATION
13740 STERILITY
14690 STINGING ORGANS
03360 STOCKING OF ORGANISMS
22510 STORMS
05720 STRAINS
07390 STRAITS
12130 STRONTIUM AND STRONTIUM COMPOUNDS
17040 STRONTIUM SYSTEMS
07410 SUBMARINE CANYONS
07440 SUBMARINE DEEPS
08840 SUBMARINE FEATURES
05170 SUFFOCATION
12170 SULPHUR AND SULPHUR COMPOUNDS
17050 SULPHUR SYSTEMS
22550 SUN
07470 SUPRATIDAL ZONE
15410 SURFACE SLOPE
01490 SURVEYS
15440 SWELL

14710 SWIM BLADDER
05760 SYMBIONTS
20440 SYMPOSIUM
20480 TABLES
01540 TAGGING
19410 TANKS
12190 TANNIN
14730 TASTE ORGANS
06790 TAXIS
08330 TAXONOMY
20510 TECHNICAL REVIEWS
14760 TEETH
01580 TELEVISION
12200 TEMPERATURE - AIR
12210 TEMPERATURE - SEDIMENT
12220 TEMPERATURE - WATER
13770 TEMPERATURE TOLERANCE
20530 TERMINOLOGY
14770 TESTES
22250 TESTS FOR SIGNIFICANT DIFFERENCES
14800 THERMORECEPTORS
12230 THORIUM
17060 THORIUM SYSTEMS
15470 TIDES
22290 TIME SERIES ANALYSIS
12270 TIN
12285 TITANIUM
17065 TITANIUM SYSTEMS
12290 TOPOGRAPHY
12310 TOXICANTS
12380 TRACE CONSTITUENTS OF FRESH WATER
12420 TRACE CONSTITUENTS OF SEA WATER
21500 TRADE - INTERNATIONAL
03450 TRANSPLANTATION OF ORGANISMS
21530 TRANSPORT ON SEA
21550 TRANSPORT ON LAND
21570 TRANSPORT BY AIR
05800 TRASH FISH
06830 TROPISM
12460 TUNGSTEN
05840 TYPE SPECIMENS
12480 ULTRASONIC RADIATION
12490 ULTRAVIOLET RADIATION
01600 UNDERWATER PHOTOGRAPHY
15500 UPWELLING
12500 URANIUM
17070 URANIUM SYSTEMS
12530 VANADIUM
17080 VANADIUM SYSTEMS
22300 VARIANCE - COVARIANCE ANALYSIS
05850 VECTORS
14820 VERTEBRAE
13790 VISION
12550 VITAMINS
03490 WASTE DISPOSAL - RADIOACTIVE
01630 WATER ANALYSIS - BIOLOGICAL
01670 WATER ANALYSIS - CHEMICAL
01750 WATER ANALYSIS - PHYSICAL
19450 WATER CHANNELS
15530 WATER CYCLES
12560 WATER DEPTH
01830 WATER FILTRATION
12600 WATER HARDNESS
15550 WATER LEVEL
15580 WATER MASSES

15600	WATER MIXING
12620	WATER PRESSURE
19480	WATER SAMPLING
12630	WATER TRANSPARENCY AND COLOR
15630	WATERSHEDS
15720	WAVES - CAPILLARY WAVES
15780	WAVES - FREQUENCY
15800	WAVES - INTERNAL WAVES
15820	WAVES - PLANE WAVES
15860	WAVES - TIDAL WAVES
15890	WAVES - WIND WAVES
19540	WEARING APPAREL
22570	WEATHER FORECASTING
22580	WIND
12680	X RADIATION
12710	YTTRIUM
17090	YTTRIUM SYSTEMS
12730	ZINC AND ZINC COMPOUNDS
17100	ZINC SYSTEMS
12750	ZIRCONIUM
17105	ZIRCONIUM SYSTEMS
05890	ZOOPLANKTON

ASIRC -- SCHEDULE OF SUBJECT DESCRIPTORS

General Subject Categories

Agriculture
Anatomy
Archaeology
Astronomy
Charting
Ecology
Education
Embryology
Evolution
Genetics
Geology
Geophysics
Histology
Hydrodynamics
Hygiene
International exchange
Limnology
Logic
Mapping
Mathematics
Medical practice
Meteorology
Navigation
Palaeontology
Photography
Physical oceanography
Physiology
Population genetics
Resource development
Safety
Statistics
Taxonomy

Research Techniques

Gear and equipment
Laboratory apparatus
Measuring devices
Standardization of techniques

Aging
Artificial feeds and feeding
Bioassays
Chemical assays
Chemical extraction
Chromatographic analysis
Colorimetric techniques
Conductance techniques
Control - biological
Control - chemical
Control - physical
Culture - bench top
Culture - productive scale
Culture - tissue culture
Desalination
Drilling
Echo sounding
Echo sounding for detection of organisms
Electron microscopy
Feed preparation
Grafting
Gravimetric techniques
Light microscopy
Marking
Photography
Physical analysis
Physical assays
Power plants
Predictions other than abundance and yield
Preservation and fixation of organisms - general
Preservation and fixation of organisms - drying
Preservation and fixation of organisms - cold
Preservation and fixation of organisms - heat
Preservation and fixation of organisms - smoking
Preservation and fixation of organisms - chemical methods
Sediment sampling
Staining
Tagging
Underwater photography
Water analysis - biological
Water analysis - chemical
Water analysis - physical
Water filtration
Water sampling
Ionizing radiation
X radiation

Gear and Equipment

Gear and equipment
Laboratory apparatus
Measuring devices

Air craft
Anesthetics
Bait
Buffer solutions
Buoys
Calibration
Commercial availability
Communications methods and devices
Computers
Counting devices - automatic
Deck gear
Desalination
Detergents and soaps
Echo sounding
Echo sounding for detection of organisms
Explosives
Filters
Fuels
Gear for capture of organisms - general
Gear for capture of organisms - animals
Gear for capture of organisms - beach seines
Gear for capture of organisms - bottom trawls
Gear for capture of organisms - bow and arrow

Gear and Equipment (cont.)

Gear for capture of organisms - dredges
Gear for capture of organisms - electrofishing
Gear for capture of organisms - entangling structures
Gear for capture of organisms - explosives
Gear for capture of organisms - entangling structures
Gear for capture of organisms - floating trawls
Gear for capture of organisms - gaffs
Gear for capture of organisms - gear research
Gear for capture of organisms - grapples and rakes
Gear for capture of organisms - hook and line
Gear for capture of organisms - maintenance
Gear for capture of organisms - nooses
Gear for capture of organisms - plankton nets
Gear for capture of organisms - pots
Gear for capture of organisms - pumps
Gear for capture of organisms - purse seines
Gear for capture of organisms - simple enclosures and barriers
Gear for capture of organisms - snap nets
Gravimetric techniques
Herbicides
Insecticides
Gear and equipment
  Laboratory apparatus
    Colorimetric techniques
    Conductance techniques
    Electron microscopy
    Light microscopy
Media - general
Media - fluid
Media - solid
Model - physical model
Net construction
Photography
Plastics and other synthetics
Power plants
Preservatives
Gear and equipment
  Recording equipment
Rope
Sediment sampling
Self contained underwater diving gear
Solvents
Standardization of techniques
Tanks
Television
Underwater photography
Water channels
Water sampling
Wearing apparel

Mathematical and Statistical Techniques

Data analysis
Mathematics
Statistics
Bias
Confidence limits
Curve fitting
Differential equations
Harmonic analysis
Information theory
Logic
Mathematical transformations
Model - mathematical model
Operations research
Probability theory
Quality control
Random walk processes
Sampling for censuses and surveys
Statistical correlation
Tests for significant differences
Time series analysis
Variance - covariance analysis

Biological Oceanography, Limnology and Fisheries

Ecology
Limnology
Taxonomy

Conservation of organisms
Conservation of soil
Conservation of water
Economic aspects of resource management
Exploitation - influences on populations
Exploratory fishing
Sport fishing
  Fishing access devices or improvements
Fishing effort
Fishing industry
Gear selectivity
Habitat improvement - general
Habitat improvement - improvement of cover
Habitat improvement - basin, water depth, volume, flow and physical characteristics of the water
  Drainage and reclamation
Habitat improvement - chemical properties of the water
Habitat improvement - increasing food organisms
Habitat improvement - increasing favorable elements other than food
Habitat improvement - reducing unfavorable elements
Habitat improvement - preventing or facilitating movement of organisms
Irrigation
Life histories
Pollution control
Population dynamics
Population estimates - sex ratios

Biological Oceanography, Limnology and Fisheries (cont.)

Population estimates - size distribution estimates
Population estimates - rate of production estimates
Population estimates - standing crop estimates
Population estimates - rate of exploitation estimates
Population estimates - mortality rate estimates
Population estimates - rate of immigration or emmigration
Population estimates - availability estimates
Population estimates - rate of recruitment estimates
Population estimates - rate of reproduction estimates
Predictions of abundance and yield
Taxonomy
  Racial studies
Sport fishing
Stocking of organisms
Surveys
Transplantation of organisms

Biological Processes

Evolution
Physiology

Acclimation
Accumulation of ions
Aging process
Biogenesis
Bioluminescence
Biosynthesis
Blood circulation
Cancer and cancer producing substances
Chemosynthesis
Competition
Cyclic activity
  Diurnal rhythm
Distribution - horizontal
Distribution - vertical
Electricity - biological
Energy flow
Fertilization
Fouling
Growth - biological description
Growth - mathematical description
Growth - relative growth
Hibernation
Genetics
  Mitosis
Mortality - causes
Genetics
  Mutations
Nutrition - general
Nutrition - fat, carbohydrate and protein
Nutrition - mineral
Osmoregulartory activity
Oxygen systems - biological
Parthenogenesis
Photosynthesis
Growth-relative growth
  Polymorphism
Regeneration
Reproduction - asexual
Reproduction - sexual
Respiration - aerobic
  Suffocation
Respiration - anaerobic
Secretion
Sex determination
Sound production - biological
Taxonomy
  Speciation
Starvation
Respiration - aerobic
  Suffocation

Ecology and Behavior

Ecology
Acclimation
Behavior - general
Behavior - auditory stimuli
Behavior - density factors
Behavior - gravity effects
Behavior - light effects
Behavior - olfactory stimuli
Behavior - pressure effects
Behavior - protective
Behavior - reproductive and parental
Behavior - tactile stimuli
Behavior - temperature effects
Chromatic behavior
Community composition
Competition
Cyclic activity
  Diurnal rhythm
Dispersal phenomena
Distribution - horizontal
  Bipolarity
Distribution - vertical
Cyclic activity
  Diurnal rhythm
Energy flow
Feeding behavior
Food chains - natural
Learning behavior
Migrations - general
Migrations - anadromous
Migrations - catadromous
Migrations - potadromous
Population density influences
Schooling behavior
Seasonal variations
Sound production - biological
Taxis
Tropism

Types of Organisms

Bacteriophages
Bait
Benthos
Boring organisms
Embryos
Epiphytes
Fossils - animals

Types of Organisms (cont.)

Fossils - plants
Fouling
Hermophrodites
Hybrids
Indicator organisms
Larvae
New species
Noxious organisms
Parasites
Phytoplankton
Strains
Symbionts
Trash fish
Type specimens
Vectors
Zooplankton

Properties and Chemistry of the Organisms

Albinism
  Chromatic behavior
Antibodies
Vision
  Blindness
Blood classifications
Cancer and cancer producing substances
Chlorophyll
Albinism
  Chromatic behavior
Genetics
  Chromosome constitution
Diseases
Enzymes
Excretory products
Fats
Fecundity
Growth - biological description
Growth - mathematical description
Growth - relative growth
  Condition factor
  Polymorphism
Growth regulators
  Catalysts
  Hormones
  Inhibitors
Inorganic constituents - biological
Interface phenomena - biological material, physical environment
Meristic counts
Nutritive value
Organic constituents - biological
Poisons of biological origin
Genetics
  Polyploidy
Proteins
Respiratory pigments
Salinity tolerance
Sex determination
Sterility
Temperature tolerance
Vision

Organs, Tissues and Systems

Anatomy
Embryology
Histology
Alimentary organs
Auditory sense organs
Balance organs
Bioluminescence
Blood cells
Blood liquids
Blood vessels
Body cavity
Nervous system
  Brain
Caecae
Cells
Genetics
  Chromosome constitution
Cilia
Ectoderm
Eggs
Excretory organs
Eyes
Feeding mechanisms
Fins, fin rays and spines
Gills
Glands
Heart
Liver
Locomotion
Mucus
Musculature
Nervous system
  Brain
Olfactory organs
Otoliths
Reproductive organs
  Ovaries
  Testes
Scales
Skeleton
Sperm
Stinging organs
Swim bladder
Taste organs
Teeth
Reproductive organs
  Ovaries
  Testes
Thermoreceptors
Vertebrae

Fish Technology

Fishing industry
Inorganic resource industries

Artificial feeds and feeding
Discarding aquatic products
Decomposition of organisms - general
Feed preparation
Fish conversion
Fish flour
Fish meal
Fish oils
Fish plants
Fish solubles
Grading techniques
Labor
Nutritive value
Packaging of organisms
Palatability

Fish Technology (cont.)

Preservation and fixation of organisms - general
Preservation and fixation of organisms - canning
Preservation and fixation of organisms - chemical methods
Preservation and fixation of organisms - cold
Preservation and fixation of organisms - drying
Preservation and fixation of organisms - irradiation
Preservation and fixation of organisms - smoking

Marketing and Production

Fishing industry
Inorganic resource industries
Marketing aquatic products

Accountancy in marketing
Catch statistics - fisheries
Catch statistics - other than fisheries
Duties on aquatic products
Failures of industry
Fishing harbors
Food for human consumption
Labor
Legislation - marketing legislation
Medicinal uses for aquatic products
Trade - international
Transport - on land
Transport - on sea
Transport - by air

Environments

Abyssal zone
Benthic environment
Canals
Caves
Continental shelf
Coral reefs
Deserts
Estuaries
Intertidal environment
Islands
Lenitic environment
  Dams and reservoirs
  Lagoons
  Marshes
  Ponds
  Salt lakes
Littoral zone
Lotic environment
  Hot springs
  Springs
Pelagic zone
Preserves
Straits
Submarine canyons
Submarine deeps
Supratidal zone

Geology

Archaeology
Geology
Palaeontology
Seismology

Continental drift
Coring
Currents - turbidity currents
Drilling
Faults
Interface phenomena - sediment, water
Sediment - consolidated
  Sediment - composition
  Sediment - erosion
  Sediment - stratification
  Sediment - structure
  Sediment - texture
Sediment - unconsolidated
  Sediment - composition
  Sediment - deposition
  Sediment - erosion
  Sediment - stratification
  Sediment - structure
  Sediment - texture
  Sediment - transportation
Seismic activity
Submarine canyons
Submarine deeps
Submarine features
Temperature - sediment
Topography

Materials and Properties of the environment

"Chemical elements"
Trace constituents of freshwater
Trace constituents of seawater
Water analysis - chemical
Water analysis - physical

Acids - inorganic
Annual variations
Atmospheric conditions
  Barometric pressure
Atomic energy
Buffer solutions
Chemical structure
Climate
Cosmic dust
Isotopes
  Deuterium and deuterium systems
Drugs
Electricity - environmental
Glaciers
Gravity
Ground water
Ice
Infra-red radiation
Radioactivity
  Ionizing radiation
    Alpha radiation
    Beta radiation
    Gamma radiation
    X radiation
Light - visible
Magnetism
Mechanical stimuli
Nodules

Materials and Properties of the Environment (cont.)

Organic materials - bound
- Acids - organic
- Antibiotics
- Carbohydrates
- Ectocrines
- Fats
- Guano
- Herbicides
- Insecticides
- Metabolites
- Oils
- Pigments
- Tannin
- Toxicants
- Vitamins

Organic materials - dissolved
- Acids - organic
- Antibiotics
- Carbohydrates
- Ectocrines
- Fats
- Guano
- Herbicides
- Insecticides
- Metabolites
- Pigments
- Tannin
- Toxicants
- Vitamins

Pollution - general
Pollution - chemical
Pollution - deoxygenating
Radioactivity
- Pollution - radioactive

Potable water supplies
Precipitation
Radioactivity
- Cosmic rays
- Fallout - radioactive
- Isotopes
- Pollution - radioactive
- Ionizing radiation
  - Alpha radiation
  - Beta radiation
  - Gamma radiation
  - X radition

River discharge
Seasonal variations
Sewage
Slicks
Sound production - biological
Sound production - physical
Sound waves - air transmission
Sound waves - underwater transmission
Temperature - air
Temperature - sediment
Topography
Ultrasonic radiation
Ultraviolet radiation
Water analysis - chemical
- Ammonia and ammonium compounds
- "Chemical elements"
- Dissolved or free gases
- pH
- Redox potential
- Salinity and Chlorinity
- Trace constituents of freshwater
- Trace constituents of seawater
- Water hardness

Water analysis - physical
- Density
- Temperature - water
- Water pressure
- Water transparency and color

Water depth

Physical Oceanography and Limnology

- Hydrodynamics
- Limnology
- Physical oceanography

Convergence phenomena
Coriolis force
Current measurements - Eulerian methods
Current measurements - Lagrangian methods
Currents - general
Currents - deep water currents
Currents - onshore currents
Currents - tidal currents
Currents - turbidity currents
Currents - wind driven currents
Discontinuity layer
Hydrodynamics
- Dynamic topographic calculations

Electromagnetic current calculations
Energy budgets - freshwater
Energy budgets - marine
Hydrodynamics
- Estuarine circulation

Surface slope
Swell
Tides
Upwelling
Water cycles
Water level
Water masses
Water mixing
Watersheds
Waves - capillary waves
Waves - frequency
Waves - internal waves
Waves - plane waves
Waves - tidal waves
Waves - wind waves

Physical and Chemical Processes

"Chemical element systems"

Absorption
Aeration - artificial
Buoyancy
Capillarity
Carbon dioxide systems
Catalysts
Coriolis force
Decomposition of organisms
Desiccation
Destructive action of water
Detoxification
Dispersal phenomena
Elasticity
Evaporation
Fluorescence
Inhibitors
Interface phenomena - air, water
Interface phenomena - sediment, water
Oxygen systems - environmental

Physical and Chemical Processes (cont.)

Polarization
Refraction
Sound production - physical
Sound waves - air transmission
Sound waves - underwater transmission

Astronomy, Climatology and Meteorology

Astronomy
Meteorology

Atmospheric conditions
  Barometric pressure
  Precipitation
  Storms
  Wind
Aurorae
Climate
Moon
Sun
Weather forecasting

Ships and Their Operation and Maintenance

Boats - commercial fishing
Boats - factory ships
Boats - merchant vessels
Boats - oceanographic vessels
Boats - propulsion
Boats - steering gear
Boats - submarines
Boats - unconventional
Corrosion
Corrosion protection
Gear and equipment
  Deck gear
De-icing
Fouling
Fuels
Naval architecture
Navigation
Ship routing
Ship stabilization

Legislation

Duties on aquatic products
Land and water use - policy and ownership
Legal problems
Legislation - general
Legislation - economic aid
Legislation - law enforcement and policing
Legislation - law of the sea
Legislation - licences and permits
Legislation - marketing legislation
Legislation - navigation and piloting laws
Legislation - protection against poor exploitation and management of organisms
Legislation - protection of ownership and national rights to fisheries
Trade - international

Documentation

Abstracts
Bibliographies
Biographies
Book reviews
Books
Check lists
Classification systems
Collections - biological
Collections - physical
Commercial availability
Conferences
Data
Fallacious hypotheses, claims or myths
Films
Glossaries
Grants
Historical account
Historical document
Illustrated
Information handling
Keys
Letters
Manuscript preparation
Patents
Proposed research
Reports of laboratories or institutions
Requests
Research institution - biological
Research institution - physical
Research philosophy
Scientific personnel
Societies
Symposium
Tables
Technical reviews
Terminology

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